

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 7/27/2016 3:29:24 PM
To: Ball, Joel [ball.joel@epa.gov]
Subject: FW: Defect with GM Air Conditioning system and GHG credits

Flag: Follow up

Last note from Susan re: A/C line defect

From: Stahle, Susan
Sent: Thursday, September 24, 2015 5:36 PM
To: Wright, DavidA <Wright.DavidA@epa.gov>
Cc: Wehrly, Linc <wehrly.linc@epa.gov>; Ball, Joel <ball.joel@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Olechiw, Michael <olechiw.michael@epa.gov>
Subject: RE: Defect with GM Air Conditioning system and GHG credits

Hi David –

Thanks for the information. I am free anytime tomorrow so feel free to schedule a time that works best for the most folks involved.

Susan Stahle
 Attorney-Advisor
 Air and Radiation Law Office
 Office of General Counsel
 U.S. Environmental Protection Agency
 202-564-1272 (ph)
 202-564-5603 (fax)
stahle.susan@epa.gov

From: Wright, DavidA
Sent: Thursday, September 24, 2015 5:34 PM
To: Stahle, Susan
Cc: Wehrly, Linc; Ball, Joel; Wehrly, Linc; Olechiw, Michael
Subject: RE: Defect with GM Air Conditioning system and GHG credits

Hi Susan,

We were able to have a brief meeting yesterday with 3 of the 5 staff most involved with this issue (all of them are on the cc: list).

Ex. 5 AC/DP

Ex. 5 AC/DP

I apologize for not getting back with you sooner. Is there any time tomorrow which would be best for you to talk? I will try to schedule our staff that will be in the office and arrange a call.

Thanks for your assistance.

Regards,

David

David A. Wright
Light-Duty Vehicle Center, Compliance Division
National Vehicle and Fuel Emissions Laboratory
Phone: (734) 214-4467
E-mail: wright.davida@epa.gov

From: Stahle, Susan
Sent: Tuesday, September 22, 2015 2:01 PM
To: Wright, DavidA
Cc: Wehrly, Linc
Subject: RE: Defect with GM Air Conditioning system and GHG credits

Hi David –

I'd be happy to talk about GM. I am pretty open tomorrow afternoon (after 3:00 pm), and all day on Friday. I have some random openings on Thursday. My calendar is up-to-date if you want to schedule some time to talk.

Yes, please forward me what GM has sent you. That would help me see what they are proposing to do.

Ex. 5 AC/DP

Ex. 6 Personal Privacy (PP)

Thanks,

Susan Stahle
Attorney-Advisor
Air and Radiation Law Office
Office of General Counsel
U.S. Environmental Protection Agency
202-564-1272 (ph)
202-564-5603 (fax)
stahle.susan@epa.gov

From: Wright, DavidA
Sent: Tuesday, September 22, 2015 12:42 PM
To: Stahle, Susan
Cc: Wehrly, Linc
Subject: FW: Defect with GM Air Conditioning system and GHG credits

Hello Susan,

My name is David Wright and I work for Linc in the light-duty vehicle center in the compliance division. I am the certification representative for General Motors.

Since Linc sent you his original note, he has gotten extremely busy with other matters, and EPA has met with GM who is proposing to take a reduced A/C credit amount based on their projected failure rates for the vehicles with the A/C discharge line defect.

If possible, I would like to talk with you about the document Linc provided and your thoughts on our next steps in this case. I have also recently been contacted by GM asking if we have made any decisions regarding their request.

If you would like I can forward you the 5 page document they provided regarding their proposal for reduced credits. Let me know if there is a specific day and time when it would be good to talk.

Thanks you for your assistance.

Regards,

David

David A. Wright
Light-Duty Vehicle Center, Compliance Division
National Vehicle and Fuel Emissions Laboratory
Phone: (734) 214-4467
E-mail: wright.davida@epa.gov

From: Wehrly, Linc
Sent: Tuesday, September 22, 2015 11:03 AM
To: Wright, DavidA
Subject: FW: Defect with GM Air Conditioning system and GHG credits

Linc Wehrly
Director, Light-Duty Vehicle Center
Compliance Division
Office of Transportation and Air Quality
United States Environmental Protection Agency
(734) 214-4286
wehrly.linc@epa.gov

From: Stahle, Susan
Sent: Tuesday, September 15, 2015 4:18 PM
To: Wehrly, Linc
Subject: FW: Defect with GM Air Conditioning system and GHG credits

Hi Linc --

I know you are busy with other matters right now but if/when you want to get back to these questions, I'd be happy to help you with them. Steve is embroiled in ozone matters so I offered to help him with these questions. I've shared some preliminary thoughts about this with David Orlin. Not sure if any of those thoughts have been shared with you....

Again, whenever you or your staff want to talk about this, let me know, happy to do so.

Thanks,

Susan Stahle
Attorney-Advisor
Air and Radiation Law Office
Office of General Counsel
U.S. Environmental Protection Agency
202-564-1272 (ph)
202-564-5603 (fax)
stahle.susan@epa.gov

From: Orlin, David
Sent: Thursday, September 10, 2015 11:15 AM
To: Stahle, Susan
Subject: Fwd: Defect with GM Air Conditioning system and GHG credits

With attachment

Begin forwarded message:

From: "Silverman, Steven" <silverman.steven@epa.gov>
Date: September 9, 2015 at 9:29:19 AM EDT
To: "Orlin, David" <Orlin.David@epa.gov>
Subject: FW: Defect with GM Air Conditioning system and GHG credits

I just saw this. Came in when I was away.

Ex. 5 AC/DP

From: Wehrly, Linc
Sent: Friday, August 21, 2015 8:30 AM
To: Silverman, Steven
Subject: Defect with GM Air Conditioning system and GHG credits

Steve,

I've attached a document that outlines an issue we are grappling with. In short, GM has a defect with the discharge line to their AC system that can result in all of the refrigerant being expelled into the atmosphere for some of their 2014 and 2015 MY light-duty pick-ups and large SUVs. They have claimed AC leakage credits for 2014 and plan to also claim credits for 15 MY. Since the AC system becomes an emission-related part once they claim credits, the system is supposed to be durable for the useful life.

Ex. 5 AC/DP

When you get a chance to read, please let me know your thoughts and/or questions.

Thanks,
Linc

Linc Wehrly
Director, Light-Duty Vehicle Center
Compliance Division

Office of Transportation and Air Quality
United States Environmental Protection Agency
(734) 214-4286
wehrly.linc@epa.gov

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 12/12/2018 2:56:22 PM
To: Simon, Karl [Simon.Karl@epa.gov]
CC: Snapp, Lisa [snapp.lisa@epa.gov]; French, Roberts [french.roberts@epa.gov]
Subject: Section 5
Attachments: 2018_12_11_Section_5 CLEAN.DOCX

Karl,

Lisa mentioned you might review section 5 today. Attached is an updated draft. All tables are filled out, and the current draft figures are in. We're still editing and need to add a brief off-cycle summary (just got a new figure this morning). We'll continue to edit and review internally, but I think it's good to go to NHTSA.

Let us know if you have any comments/questions.

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 12/7/2018 5:15:14 PM
To: Simon, Karl [Simon.Karl@epa.gov]; Bunker, Byron [bunker.byron@epa.gov]; Charmley, William [charmley.william@epa.gov]
CC: Snapp, Lisa [snapp.lisa@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]; French, Roberts [french.roberts@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Moran, Robin [moran.robin@epa.gov]
Subject: Trends files for NHTSA review
Attachments: 2018_12_07 EPA Automotive Trends Executive Summary.docx; 2018_12_07 Section 1.docx; 2018_12_07 Section 2.docx; 2018_12_07 Section 3.docx; 2018_12_07 Section 4.docx; 2018_12_07 Section 5.docx

Karl/Byron/Bill,

Attached is the complete Trends draft. The next step in our process to release the reports is to go to NHTSA for a review. We're trying to do that as early as Monday of next week. We've got a little bit of work to do before we go to NHTSA, and I fully expect we will continue to review and improve in parallel after we send them. However I think the documents are in good shape (if not quite final), and we do want to get this to NHTSA and start the clock on their review time.

Section 5 is the portion of the report that focuses on the GHG program, and could use the most review. Sara Zaremski has reviewed (and provided comments) and said it was okay to go to NHTSA. Many of the figures are drafts and will be delivered by our contractor in a nicer format soon. Some of the tables are also empty, although we have the numbers and are working on filling out the tables. The off-cycle portion also needs to be updated for 2017, but the rest of the text is in place.

Sections 1-4 are the portions of the report from the old Trends report. While there is still some editing to be done, these sections have been reviewed by several people within CASC and should be nearly complete.

Ex. 5 Deliberative Process (DP)

If anyone has concerns, please let me know.

Thanks,

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 1/14/2020 9:33:10 PM
To: French, Roberts [french.roberts@epa.gov]
Subject: Section 5 comments
Attachments: 2019_11_21 Section 5_clean.docx

Rob,

Some comments from DC reviewers. Anything in track changes should be suggested comments that are new. Note that this is not necessarily the most up to date file that they were working off of. Michelle is a good editor, so I've been trying to take simple edits that are helpful, flag other comments for future consideration in comment boxes, and ignore the comments I disagree with.

Do you want to take a look? I think you get first dibs. If you're busy **Ex. 6 Personal Privacy (PP)** I'm happy to do it tomorrow or Thursday.

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Bunker, Amy [Bunker.Amy@epa.gov]
Sent: 2/28/2020 7:22:09 PM
To: Sun, Lisa [Sun.Lisa@epa.gov]; Suarez, Patricia (Trish) [suarez.patricia@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; French, Roberts [french.roberts@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: Three Trends docs to (hopefully) publish on Monday
Attachments: 420s20001.pdf; 420r20006-report-tables.xlsx; 420r20006.pdf

Hi Lisa,

Attached are the last three Trends docs that will hope will be published on Monday.

All three of these docs will be linked from this page: <https://wcms.epa.gov/node/190259/revisions/896789/view>

Please change the dates in parenthesis to March 2020.

Thanks,
Amy

Message

From: Zaremski, Sara [zaremski.sara@epa.gov]
Sent: 12/6/2018 8:22:26 PM
To: Hula, Aaron [Hula.Aaron@epa.gov]
CC: French, Roberts [french.roberts@epa.gov]; Snapp, Lisa [snapp.lisa@epa.gov]
Subject: RE: Trends section 5 review
Attachments: 2018_12_2 Section_5 CLEAN hp + scz comments.DOCX

Ok here are my comments and Holly's on top of all of yours. I'm out tomorrow, but will be back in the office tomorrow. I can certainly review anything over the weekend too.

sara

From: Hula, Aaron
Sent: Thursday, December 06, 2018 12:34 PM
To: Zaremski, Sara <zaremski.sara@epa.gov>
Cc: French, Roberts <french.roberts@epa.gov>; Snapp, Lisa <snapp.lisa@epa.gov>
Subject: Trends section 5 review

Sara,

Just checking in – have you had a chance to look at section 5?

Lisa and I were just trying to strategize about what we need to get done before we can think about sending a package to NHTSA, and when we might be able to do that.

Thanks,

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Simon, Karl [Simon.Karl@epa.gov]
Sent: 12/23/2017 3:17:40 AM
To: Snapp, Lisa [snapp.lisa@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]; French, Roberts [french.roberts@epa.gov]; Hula, Aaron [Hula.Aaron@epa.gov]
Subject: FW: Trends and GHG Report
Attachments: Trends - 420r17006.pdf; GHG Performance - 420r17009.pdf; 420s17001---2017-12-4 .pdf

If there are more current drafts, send them to me. Will see if this helps move things. thanks

From: Simon, Karl
Sent: Friday, December 22, 2017 10:09 PM
To: Gunasekara, Mandy <Gunasekara.Mandy@epa.gov>; Grundler, Christopher <grundler.christopher@epa.gov>
Cc: Wehrum, Bill <Wehrum.Bill@epa.gov>; Lewis, Josh <Lewis.Josh@epa.gov>; Harlow, David <harlow.david@epa.gov>
Subject: RE: Trends and GHG Report

Here are the draft documents – the exec summary for the GHG performance is included in the document while we have pulled it out for the trends report given our past experience in providing it as a stand alone document for interested parties. There are likely a handful of minor editing (table headings, etc) that the team will give one more run through when we have a release date. Let me know if you have any questions. Thanks

From: Gunasekara, Mandy
Sent: Friday, December 22, 2017 4:49 PM
To: Simon, Karl <Simon.Karl@epa.gov>; Grundler, Christopher <grundler.christopher@epa.gov>
Cc: Wehrum, Bill <Wehrum.Bill@epa.gov>; Lewis, Josh <Lewis.Josh@epa.gov>; Harlow, David <harlow.david@epa.gov>
Subject: Trends and GHG Report

Hey Karl,

Can you please send me the latest version of both the Trends and GHG reports, as well as the exec summaries? I'd like to do one more scrub before they go out.

Thanks,
Mandy

Mandy M. Gunasekara
Principal Deputy Assistant Administrator
Office of Air and Radiation
US Environmental Protection Agency

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 12/3/2018 6:59:00 PM
To: Zaremski, Sara [zaremski.sara@epa.gov]; Snapp, Lisa [snapp.lisa@epa.gov]; Graff, Michelle [graff.michelle@epa.gov]; Daniels, Jessica [daniels.jessica@epa.gov]
CC: French, Roberts [french.roberts@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]
Subject: Trends Section 5
Attachments: 2018_12_2 Section_5 CLEAN.DOCX

Sara (and Lisa, Michelle, Jessica),

Section 5 is attached for review, as promised.

This is still a working draft, but I think it's in good enough shape that I'd like to start getting feedback. I've left in our current crop of comments partly so people can see what we're thinking about. Consistency in terms and definitions has been an issue we're working through, so please flag anything that's confusing or misleading.

The figures in this draft are basically just out of excel, but should be pretty close in terms of content. We have the first round of drafts from our contractor and will hopefully be making these look better and more consistent with the rest of the report soon. Many of the tables also have blanks – we're close to having these ready but I didn't want to hold up the review process.

Feel free to let me know if you have any questions or comments or just want to discuss.

Thanks!!

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Dietrich, Gwen [Dietrich.Gwen@epa.gov]
Sent: 2/28/2020 7:06:58 PM
To: Maguire, Andrea [Maguire.Andrea@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; French, Roberts [french.roberts@epa.gov]; Anagnost, Eloise [anagnost.eloise@epa.gov]; Levin, David [Levin.David@epa.gov]; France, Jennifer [france.jennifer@epa.gov]
Subject: RE: automotive trends report for pdf and web prep
Attachments: 420r20006.pdf

All,
 Attached and prepared for posting on the Web:
EPA-420-R-20-006: Trends Report
 Please Review.

Gwen Dietrich
 Communications/Graphic Design Specialist
 Senior Service America, Inc. (Grantee)
 Supporting the Office of Transportation and Air Quality
 U.S. Environmental Protection Agency
 734-214-4639

From: Maguire, Andrea <Maguire.Andrea@epa.gov>
Sent: Friday, February 28, 2020 11:32 AM
To: Bunker, Amy <Bunker.Amy@epa.gov>; Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: automotive trends report for pdf and web prep

Gwen,

Please use this file to PDF, I made a small text edit in Section 6 and fixed a link in Section 5. Shouldn't affect spacing.

Amy – I also updated our other draft docs.

Thanks!

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Friday, February 28, 2020 10:28 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: RE: automotive trends report for pdf and web prep

This is better. I replaced two more figures to see if they can be improved, but even if they cannot, I think the attached is the final version, so please go ahead and pdf and prep for web.

Many, many thanks for your immense patience!!

Amy

From: Dietrich, Gwen <Dietrich.Gwen@epa.gov>
Sent: Friday, February 28, 2020 9:09 AM
To: Bunker, Amy <Bunker.Amy@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: RE: automotive trends report for pdf and web prep

Try this for clarity of figures.
I ran the report through the distiller and then optimized it.
This has not been bookmarked nor has Metadata been added

Gwen Dietrich
Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency
734-214-4639

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Friday, February 28, 2020 8:47 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: RE: automotive trends report for pdf and web prep

OK, let's try pdfing this version and see if any of the figures I replaced are improved.

From: Bunker, Amy
Sent: Friday, February 28, 2020 8:27 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: automotive trends report for pdf and web prep

Hi Web Team!!

Attached is the final Automotive Trends full report to pdf. Please change the cover date to March, since we will publish on Monday.

Would you see if there are any settings that can be adjusted in the distiller that will improve the fuzziness of some of the figures? I can bring you an example of one of our previous trials, so you can see the effect we would like to minimize.

Many thanks!

Amy

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 11/24/2018 6:08:00 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; French, Roberts [french.roberts@epa.gov]
Subject: RE: GHG Section 5
Attachments: 2018_11_21_Section_5_ACH.DOCX

I would go ahead and put the figure in the text. All of our executive summary figures are repeated in the text somewhere.

See attached for an expanded intro. I grabbed some text from the executive summary and the previous report – I think we needed a little more context to tie this all together. Hopefully this helps to integrate this section a little more, and to frame up our current work as well. Feel free to comment.

Aaron

From: Rojeck, Tristin
Sent: Saturday, November 24, 2018 1:03 PM
To: Hula, Aaron <Hula.Aaron@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: GHG Section 5

Ex. 6 Personal Privacy (PP)

I will plan on early afternoon then. A question I have is whether I should allude to a figure in the Executive Summary or include it also in Section 5?

I think that citing the figure would work, but that would require turning back to the beginning of the document to view the plot. Let me know what you think.

Tristin

From: Hula, Aaron
Sent: Saturday, November 24, 2018 12:40 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: GHG Section 5

If I get motivated I might go to **Ex. 6 Personal Privacy (PP)** but otherwise I should be around all day – and I'm happy to talk. Just let me know when.

Aaron

From: Rojeck, Tristin
Sent: Saturday, November 24, 2018 12:35 PM
To: Hula, Aaron <Hula.Aaron@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: GHG Section 5

Aaron,

Sounds like a good plan to me. My goal is to work through 4 today then potentially finish up some things tomorrow. Is there a possibility that we could plan on a call tomorrow mid-day to touch base? I think more will be known by that point.

Tristin

From: Hula, Aaron

Sent: Saturday, November 24, 2018 12:32 PM

To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>

Subject: RE: GHG Section 5

I think that makes sense.

If you can get a draft done of the later sections – that's great.

And apologies if I edited too much yesterday – I was struggling a little in my own head to find some direction, partly since I haven't spent much time in Section 5 yet. If you disagree with something feel free to speak up.

Aaron

From: Rojeck, Tristin

Sent: Saturday, November 24, 2018 12:17 PM

To: Hula, Aaron <Hula.Aaron@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>

Subject: RE: GHG Section 5

Aaron,

That is a good point. It seems that A/C and AFVs should be in a separate section from two-cycle however they may not be large enough separately to warrant their own section. I think this can be fixed rather quickly if you want to make the decision they should be separate.

Regards,

Tristin

From: Hula, Aaron

Sent: Friday, November 23, 2018 1:32 PM

To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>

Subject: RE: GHG Section 5

Tristan,

I'm working my way through section B and have a general question on organization. In the current document credits based on AFVs and A/C are under the 2-cycle section, while things like off-cycle are not. While the order is the same, these sections were not part of the 2-cycle sub-section last year. Was this intentional?

Aaron

From: Rojeck, Tristin
Sent: Friday, November 23, 2018 11:33 AM
To: Hula, Aaron <Hula.Aaron@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: GHG Section 5

Sounds like a good plan. I tossed a title in the draft document. Let me know if you have any other ideas.

From: Hula, Aaron
Sent: Friday, November 23, 2018 11:29 AM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: GHG Section 5

I was just thinking "GHG Program Compliance Process" or something similar.

From: Rojeck, Tristin
Sent: Friday, November 23, 2018 11:22 AM
To: Bunker, Amy <Bunker.Amy@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: GHG Section 5

Amy,

So I thought the same thing. I believe that it would be a good idea to call this figure 5.1. I was trying to think of a good title for the figure but haven't come up with a good name yet.

Regards,

Tristin

From: Bunker, Amy
Sent: Friday, November 23, 2018 10:38 AM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: GHG Section 5

Thanks! I'm the office today until at least noon.

From: Rojeck, Tristin
Sent: Friday, November 23, 2018 10:25 AM
To: Hula, Aaron <Hula.Aaron@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: GHG Section 5

Hello Everyone,

I will be online the next few hours drafting text for a few of the remaining portions of section 5. Let me know if you have any questions or input on content/presentation.

You can contact me directly at Ex. 6 Personal Privacy (PP) via text or call.

Regards,

Tristin Rojeck

Message

From: Maguire, Andrea [Maguire.Andrea@epa.gov]
Sent: 2/28/2020 4:32:27 PM
To: Bunker, Amy [Bunker.Amy@epa.gov]; Dietrich, Gwen [Dietrich.Gwen@epa.gov]; Levin, David [Levin.David@epa.gov]; Anagnost, Eloise [anagnost.eloise@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; French, Roberts [french.roberts@epa.gov]
Subject: RE: automotive trends report for pdf and web prep
Attachments: 2020_02_28_draft_automotive_trends_clean_for_Gwen - Copy.docx

Gwen,

Please use this file to PDF, I made a small text edit in Section 6 and fixed a link in Section 5. Shouldn't affect spacing.

Amy – I also updated our other draft docs.

Thanks!

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Friday, February 28, 2020 10:28 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: RE: automotive trends report for pdf and web prep

This is better. I replaced two more figures to see if they can be improved, but even if they cannot, I think the attached is the final version, so please go ahead and pdf and prep for web.

Many, many thanks for your immense patience!!

Amy

From: Dietrich, Gwen <Dietrich.Gwen@epa.gov>
Sent: Friday, February 28, 2020 9:09 AM
To: Bunker, Amy <Bunker.Amy@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: RE: automotive trends report for pdf and web prep

Try this for clarity of figures.

I ran the report through the distiller and then optimized it.

This has not been bookmarked nor has Metadata been added

Gwen Dietrich
 Communications/Graphic Design Specialist
 Senior Service America, Inc. (Grantee)
 Supporting the Office of Transportation and Air Quality
 U.S. Environmental Protection Agency
 734-214-4639

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Friday, February 28, 2020 8:47 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: RE: automotive trends report for pdf and web prep

OK, let's try pdfing this version and see if any of the figures I replaced are improved.

From: Bunker, Amy
Sent: Friday, February 28, 2020 8:27 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: automotive trends report for pdf and web prep

Hi Web Team!!

Attached is the final Automotive Trends full report to pdf. Please change the cover date to March, since we will publish on Monday.

Would you see if there are any settings that can be adjusted in the distiller that will improve the fuzziness of some of the figures? I can bring you an example of one of our previous trials, so you can see the effect we would like to minimize.

Many thanks!

Amy

Message

From: Bunker, Amy [Bunker.Amy@epa.gov]
Sent: 3/11/2020 7:07:40 PM
To: Sun, Lisa [Sun.Lisa@epa.gov]; Suarez, Patricia (Trish) [suarez.patricia@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; French, Roberts [french.roberts@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Anagnost, Eloise [anagnost.eloise@epa.gov]; Dietrich, Gwen [Dietrich.Gwen@epa.gov]
Subject: RE: updated for review -- RE: update to trends download page
Attachments: 420r20006.pdf; 420r20006-report-tables.xlsx

Hi Lisa,

Here are the two updated docs.

Once he has had a chance to review them, Aaron will let you know when it is ok to replace these two docs in the CMS and make the page below with the new sentence live.

Thanks to everyone on the web team!

Thanks,
 Amy

From: Sun, Lisa <Sun.Lisa@epa.gov>
Sent: Wednesday, March 11, 2020 2:35 PM
To: Bunker, Amy <Bunker.Amy@epa.gov>; Suarez, Patricia (Trish) <suarez.patricia@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: updated for review -- RE: update to trends download page

Hi Amy,

Yes, that sentence is added on page as requested, please review it at,

<https://wcms.epa.gov/node/190259/revisions/915451/view>

If this is a minor change to existing files, your approval works! 😊

thanks,

Lisa Sun
 Web Coder (ASMS Contractor)
 p. 734-214-4599 | e. sun.lisa@epa.gov | 2000 Traverwood Drive, Ann Arbor, MI 48105
 ASRC Federal | Customer-Focused. Operationally Excellent.

~ Your Posting is Under Construction ~
 w. EPA's Office of Transportation and Air Quality

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Wednesday, March 11, 2020 2:30 PM
To: Sun, Lisa <Sun.Lisa@epa.gov>; Suarez, Patricia (Trish) <suarez.patricia@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts

<french.roberts@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>

Subject: update to trends download page

Hi Lisa,

Would you mind creating a staging page for <https://www.epa.gov/automotive-trends/download-automotive-trends-report#Full%20Report>

Please add this sentence at the end of the paragraph where the red arrow is pointing: "On March 11, 2020, the report was reissued with minor updates limited to the analysis of disaggregated off-cycle credit data in section 5."

2019 Full Report

The EPA Automotive Trends Report summarizes information about new light-duty vehicle greenhouse gas (GHG) emissions, fuel economy, technology data, and auto manufacturers' performance in meeting the agency's GHG emissions standards.



- [The 2019 Automotive Trends Report \(PDF\)](#) (155 pp, 4 MB, EPA-420-R-20-006, March 2020, [About PDF](#))

Table of Contents

Shortly, we will send you

1. A replacement pdf for the full report (the link you see above)
2. A replacement excel file for the report tables file on the same page (it's the link below the Table of Contents Table)

Can you let me know who needs to approve this when we are ready to upload the new docs and post live?

Thanks,
Amy

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 11/23/2018 7:09:41 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; French, Roberts [french.roberts@epa.gov]
Subject: RE: GHG Section 5
Attachments: 2018_11_21_Section_5_ACH.DOCX

Tristin,

Some comments and edits mostly on sections A and B.

Ex. 5 Deliberative Process (DP)

Sound good? Keep me posted how things are going on your end and I'm happy to review/write/edit.

Aaron

From: Rojeck, Tristin
Sent: Friday, November 23, 2018 11:33 AM
To: Hula, Aaron <Hula.Aaron@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: GHG Section 5

Sounds like a good plan. I tossed a title in the draft document. Let me know if you have any other ideas.

From: Hula, Aaron
Sent: Friday, November 23, 2018 11:29 AM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: GHG Section 5

I was just thinking "GHG Program Compliance Process" or something similar.

From: Rojeck, Tristin
Sent: Friday, November 23, 2018 11:22 AM
To: Bunker, Amy <Bunker.Amy@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: GHG Section 5

Amy,

So I thought the same thing. I believe that it would be a good idea to call this figure 5.1. I was trying to think of a good title for the figure but haven't come up with a good name yet.

Regards,

Tristin

From: Bunker, Amy
Sent: Friday, November 23, 2018 10:38 AM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: GHG Section 5

Thanks! I'm the office today until at least noon.

From: Rojeck, Tristin
Sent: Friday, November 23, 2018 10:25 AM
To: Hula, Aaron <Hula.Aaron@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: GHG Section 5

Hello Everyone,

I will be online the next few hours drafting text for a few of the remaining portions of section 5. Let me know if you have any questions or input on content/presentation.

You can contact me directly at Ex. 6 Personal Privacy (PP) via text or call.

Regards,

Tristin Rojeck

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 12/5/2017 7:42:36 PM
To: Grundler, Christopher [grundler.christopher@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]
CC: Hengst, Benjamin [Hengst.Benjamin@epa.gov]; Birgfeld, Erin [Birgfeld.Erin@epa.gov]; Snapp, Lisa [snapp.lisa@epa.gov]; Alson, Jeff [alson.jeff@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]; French, Roberts [french.roberts@epa.gov]
Subject: Trends and GHG Performance report - full reports
Attachments: GHG Performance - 420r17009.pdf; Trends - 420r17006.pdf

Karl,

Attached are copies of the Trends and GHG Performance report full reports. At this point I think we consider the content final, but we're both tweaking formatting (e.g. figure resolution). We only received comments from NHTSA on the Trends Executive summary, if they provide further comments (and we chose to accept any of them), that could lead to further changes.

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Bolon, Kevin [Bolon.Kevin@epa.gov]
Sent: 5/24/2017 12:35:35 PM
To: French, Roberts [french.roberts@epa.gov]
Subject: FW: Manufacturer performance report for 2015 model year - XLS table
Attachments: 420r16014_Manufacturer Performance Results 2015.pdf

Hi Rob,

Do you know what PJ is referring to? Did we ever have excel files posted to go along with the performance report? Do we still have that somewhere?

Thanks!

Kevin

From: Cancalon, Pierre-Jean [mailto:Pierre-Jean.Cancalon@Honeywell.com]
Sent: Tuesday, May 23, 2017 6:29 PM
To: Bolon, Kevin <Bolon.Kevin@epa.gov>; Fernandez, Antonio <fernandez.antonio@epa.gov>
Cc: Cancalon, Pierre-Jean <Pierre-Jean.Cancalon@Honeywell.com>
Subject: Manufacturer performance report for 2015 model year - XLS table

Hi Kevin, Tony,

I hope you are doing well despite the current situation.

I am looking for the xls data source for the Manufacturer performance report for 2015 model year (attached report), I was used in the past year to find the xls table accessible with the pdf report on the EPA website but I could not find the source for the 2015MY.

Could you help me out?

Thanks

PJ

Pierre-Jean (PJ) CANCALON | Americas LV Powertrain Manager | **Honeywell** Transportation Systems
Tel +1 734 392 5545 | Cell +1 734 233 8093 | Email - pierre-jean.cancalon@honeywell.com | Web - turbo.honeywell.com



Message

From: Rojeck, Tristin [rojeck.tristin@epa.gov]
Sent: 11/21/2018 7:41:17 PM
To: Hula, Aaron [Hula.Aaron@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; French, Roberts [french.roberts@epa.gov]
Subject: RE: Figures for Section 5
Attachments: 2018_11_21_Section_5_TR.docx

Hello Everyone,

Sections A-C in the attached document are ready for review. My goal is to have a draft of the remaining sections completed by Saturday (11/24) and will keep you all updated on the status of the document. The working document is available in the Section 5 folder on the Share Drive. The draft that is most up to date will have my initials (TR) on the end of the file name. Feel free to reach out to me directly with any comments and/or questions.

Regards,

Tristin

From: Rojeck, Tristin
Sent: Wednesday, November 21, 2018 9:50 AM
To: Hula, Aaron <Hula.Aaron@epa.gov>
Subject: RE: Figures for Section 5

This should not be a major problem, but the titles for Fig 5.4 and Fig 5.5 say real-world instead of compliance. Just wanted to point that out.

Regards,

Tristin

From: Hula, Aaron
Sent: Wednesday, November 21, 2018 9:42 AM
To: Yuzugullu, Elvin <elvin.yuzugullu@gdit.com>; Frost, Matthew W <matthew.frost@gdit.com>; Sessler, Claire <Claire_Sessler@sra.com>; Kenausis, Kristin <Kenausis.Kristin@epa.gov>; DeCastro, Tricia <tricia.decastro@gdit.com>
Cc: Maguire, Andrea <Maguire.Andrea@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: Figures for Section 5

Elvin,

Attached are our thoughts on figures for section 5.

First of all, I know this is late in the game for a bunch of new requests. I think we are going to **Ex. 5 Deliberative Process (DP)** and the week of the 10th for final editing and formatting. Obviously we're not going to have these figures for the Tuesday briefing, **Ex. 5 Deliberative Process (DP)**. I'm okay with that – so that still probably gives us a minimum of two weeks to work on these.

You're seen a few of these requests already, but I tried to package them neatly for you with figure numbers, names, data, and a rough figure suggestion. Most of these are straightforward figures and/or use formats we've used before. If

you can run them through your process and make them look consistent with the figures in the rest of the report, that alone would be a big step forward.

We'd like to approach this section as we have other sections, with as much consistency as possible. In general, most of the figures show production or credits in Tg of CO₂, although a few show g/mi. We'll probably provide corresponding g/mi values for the Tg figures in a separate table. I'll leave formatting and colors up to you. And of course, we're always open to suggestions if you have ideas for doing things better – but we'll be content with a set of simple figures for this year.

If it's easier to schedule a call to walk through these, please let us know and we'll find the time to talk.

If what we've laid out here is just too much to ask, please let me know. I know time is running short and I'm not expecting miracles so please feel free to give me honest feedback about what you think the team can reasonably accomplish.

Thanks!

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Dietrich, Gwen [Dietrich.Gwen@epa.gov]
Sent: 3/11/2020 6:57:31 PM
To: Bunker, Amy [Bunker.Amy@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; French, Roberts [french.roberts@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; France, Jennifer [france.jennifer@epa.gov]; Anagnost, Eloise [anagnost.eloise@epa.gov]
Subject: RE: substitute two pages in report
Attachments: 420r20006.pdf

Amy,
Attached and prepared for posting on the Web:
EPA-420-R-20-006: Trends Report
File is 3,622 KB and 155 pages.

Gwen Dietrich
Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency
734-214-4639

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Wednesday, March 11, 2020 1:15 PM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; France, Jennifer <france.jennifer@epa.gov>
Subject: substitute two pages in report

Hi Gwen,

The word attachment includes corrections on pages 99 and 102. Assuming the correct process is still to use the same pub number, can you switch out these pages from the original pdf (also attached) with new pdf'd pages 99 and 102 from the word doc?

As Jennifer suggested, we are planning to put language on the doc's webpage that minor updates were made on 3/11/2020.

Thanks,
Amy

Message

From: Dietrich, Gwen [Dietrich.Gwen@epa.gov]
Sent: 2/28/2020 2:08:55 PM
To: Bunker, Amy [Bunker.Amy@epa.gov]; Levin, David [Levin.David@epa.gov]; Anagnost, Eloise [anagnost.eloise@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; French, Roberts [french.roberts@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]
Subject: RE: automotive trends report for pdf and web prep
Attachments: 420r20006-2020-02-28-wizzard-optmz.pdf

Try this for clarity of figures.
 I ran the report through the distiller and then optimized it.
 This has not been bookmarked nor has Metadata been added

Gwen Dietrich
 Communications/Graphic Design Specialist
 Senior Service America, Inc. (Grantee)
 Supporting the Office of Transportation and Air Quality
 U.S. Environmental Protection Agency
 734-214-4639

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Friday, February 28, 2020 8:47 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: RE: automotive trends report for pdf and web prep

OK, let's try pdfing this version and see if any of the figures I replaced are improved.

From: Bunker, Amy
Sent: Friday, February 28, 2020 8:27 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: automotive trends report for pdf and web prep

Hi Web Team!!

Attached is the final Automotive Trends full report to pdf. Please change the cover date to March, since we will publish on Monday.

Would you see if there are any settings that can be adjusted in the distiller that will improve the fuzziness of some of the figures? I can bring you an example of one of our previous trials, so you can see the effect we would like to minimize.

Many thanks!

Amy

To: French, Roberts[french.roberts@epa.gov]
Cc: Moran, Robin[moran.robin@epa.gov]
From: Lieske, Christopher[/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C836C7DEA7054DD8807120A1D401CAC8-LIESKE, CHRISTOPHER]
Sent: Thur 10/6/2016 9:09:55 PM (UTC)
Subject: RE: Robin's comments on Mfr Perf Report
MY2015 GHG Performance Report-v3-clean-20161003-CL.docx

The report looks great! I have a few comments, attached.

From: French, Roberts
Sent: Thursday, October 06, 2016 8:31 AM
To: Lieske, Christopher <lieske.christopher@epa.gov>; Moran, Robin <moran.robin@epa.gov>
Subject: RE: Robin's comments on Mfr Perf Report

Okay, thanks. I'll just wait until Tuesday.
Monday is a holiday – YAY!

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Lieske, Christopher
Sent: Thursday, October 06, 2016 8:19 AM
To: Moran, Robin <moran.robin@epa.gov>
Cc: French, Roberts <french.roberts@epa.gov>
Subject: RE: Robin's comments on Mfr Perf Report

I made a copy and left the original on Rob's chair. I have the copy with me so I could incorporate your comments into a track changes version along with my own comments. Rob, let me know if you have a preference.

From: Moran, Robin
Sent: Thursday, October 06, 2016 8:15 AM
To: Lieske, Christopher <lieske.christopher@epa.gov>
Cc: French, Roberts <french.roberts@epa.gov>
Subject: Robin's comments on Mfr Perf Report

Hi Chris, do you still have my marked-up comments on Rob's report? Did you drop them off for him? Rob's flexi-placing today (as is Chris)....

Rob, I didn't have very many comments, but if you need them today, maybe Chris could work them into whatever comments he'll be sending you....or is Monday good enough?

I'm still hoping to get to Appendix A.

Robin

Message

From: Bunker, Amy [Bunker.Amy@epa.gov]
Sent: 10/6/2016 4:26:10 PM
To: French, Roberts [french.roberts@epa.gov]
Subject: RE: Review draft of 2015 GHG Report
Attachments: MY2015_GHG_Performance_Report-v3-clean-20161003_AB.docx

Flag: Follow up

Hi Rob,

Looks great. I found a few things to look into throughout the doc, but as always, feel free to ignore any of my comments.

Thanks,
 Amy

From: French, Roberts
Sent: Monday, October 03, 2016 9:20 AM
To: Charmley, William <charmley.william@epa.gov>; Alson, Jeff <alson.jeff@epa.gov>; Moran, Robin <moran.robin@epa.gov>; Lieske, Christopher <lieske.christopher@epa.gov>; Bolon, Kevin <Bolon.Kevin@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Olechiw, Michael <olechiw.michael@epa.gov>
Cc: Bunker, Byron <bunker.byron@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: Review draft of 2015 GHG Report

All,

I have attached a draft of the 2015 model year GHG Performance Report for your perusal and/or review. I am hoping that at least a few of you can read through this and help improve it before publication. This was sent to ARB and NHTSA late last Friday.

It is structured almost identically to last year's report, so there should be no surprises. We have an issue that we are working towards resolving with Ex. 4 CBI so you will see some blank areas in the report because of that. In addition, I am awaiting details of a credit transaction that will Ex. 4 CBI thus their values may also be blank in some places.

I anticipate that publication will be the week of October 24, thus I would like comments no later than October 14, and preferably sooner.

Please forward to anyone I may have missed that would be interested in seeing or reviewing this draft.

Thanks!

Roberts W. French, Jr.
 U.S. Environmental Protection Agency
 National Vehicle and Fuel Emissions Laboratory
 2000 Traverwood Drive
 Ann Arbor, Michigan 48105
 (734) 214-4380

Message

From: Bunker, Amy [Bunker.Amy@epa.gov]
Sent: 2/28/2020 1:46:30 PM
To: Dietrich, Gwen [Dietrich.Gwen@epa.gov]; Levin, David [Levin.David@epa.gov]; Anagnost, Eloise [anagnost.eloise@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; French, Roberts [french.roberts@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]
Subject: RE: automotive trends report for pdf and web prep
Attachments: 2020_02_27_draft_automotive_trends_clean_for_Gwen.docx

OK, let's try pdfing this version and see if any of the figures I replaced are improved.

From: Bunker, Amy
Sent: Friday, February 28, 2020 8:27 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: automotive trends report for pdf and web prep

Hi Web Team!!

Attached is the final Automotive Trends full report to pdf. Please change the cover date to March, since we will publish on Monday.

Would you see if there are any settings that can be adjusted in the distiller that will improve the fuzziness of some of the figures? I can bring you an example of one of our previous trials, so you can see the effect we would like to minimize.

Many thanks!

Amy

Message

From: Alson, Jeff [alson.jeff@epa.gov]
Sent: 10/4/2016 11:34:41 PM
To: French, Roberts [french.roberts@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Hula, Aaron [Hula.Aaron@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]
Subject: Jeff's comments on sections of 2015 GHG Report
Attachments: MY2015_GHG_Performance_Report-v3-clean-20161003 ja.docx

Rob, I focused on three sections, with my suggestions in track changes:

- **Ex. 5 Deliberative Process (DP)**
 - AFV—no changes
 - Appendix A—some text edits

Ex. 5 Deliberative Process (DP)

I am cc'ing the Trends team in case they selectively review and want to focus on sections other than those I looked at, or want to see my comments on sections they are reviewing.

From: French, Roberts
Sent: Monday, October 03, 2016 9:20 AM
To: Charmley, William <charmley.william@epa.gov>; Alson, Jeff <alson.jeff@epa.gov>; Moran, Robin <moran.robin@epa.gov>; Lieske, Christopher <lieske.christopher@epa.gov>; Bolon, Kevin <Bolon.Kevin@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Olechiw, Michael <olechiw.michael@epa.gov>
Cc: Bunker, Byron <bunker.byron@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: Review draft of 2015 GHG Report

All,

I have attached a draft of the 2015 model year GHG Performance Report for your perusal and/or review. I am hoping that at least a few of you can read through this and help improve it before publication. This was sent to ARB and NHTSA late last Friday.

It is structured almost identically to last year's report, so there should be no surprises. We have an issue that we are working towards resolving with **Ex. 4 CBI** so you will see some blank areas in the report because of that. In addition, I am awaiting details of a credit transaction that will **Ex. 4 CBI** thus their values may also be blank in some places.

I anticipate that publication will be the week of October 24, thus I would like comments no later than October 14, and preferably sooner.

Please forward to anyone I may have missed that would be interested in seeing or reviewing this draft.

Thanks!

Roberts W. French, Jr.
 U.S. Environmental Protection Agency

National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

Message

From: Moran, Robin [moran.robin@epa.gov]
Sent: 10/4/2016 12:09:21 PM
To: Sherwood, Todd [sherwood.todd@epa.gov]; Fernandez, Antonio [fernandez.antonio@epa.gov]
CC: Bolon, Kevin [Bolon.Kevin@epa.gov]; Olechiw, Michael [olechiw.michael@epa.gov]; French, Roberts [french.roberts@epa.gov]; Lieske, Christopher [lieske.christopher@epa.gov]
Subject: Off-cycle credit application in MY2015, per Rob's report
Attachments: MY2015_GHG_Performance_Report-v3-clean-20161003.docx

Todd and Tony,

Ex. 5 Deliberative Process (DP)

Just an idea – wanted to make sure you saw this.

From: French, Roberts
Sent: Monday, October 03, 2016 9:20 AM
To: Charmley, William <charmley.william@epa.gov>; Alson, Jeff <alson.jeff@epa.gov>; Moran, Robin <moran.robin@epa.gov>; Lieske, Christopher <lieske.christopher@epa.gov>; Bolon, Kevin <Bolon.Kevin@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Olechiw, Michael <olechiw.michael@epa.gov>
Cc: Bunker, Byron <bunker.byron@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: Review draft of 2015 GHG Report

All,

I have attached a draft of the 2015 model year GHG Performance Report for your perusal and/or review. I am hoping that at least a few of you can read through this and help improve it before publication. This was sent to ARB and NHTSA late last Friday.

It is structured almost identically to last year's report, so there should be no surprises. We have an issue that we are working towards resolving with Mercedes' off-cycle credits, so you will see some blank areas in the report because of that. In addition, I am awaiting details of a credit transaction that will significantly impact Ex. 4 CBI thus their values may also be blank in some places.

I anticipate that publication will be the week of October 24, thus I would like comments no later than October 14, and preferably sooner.

Please forward to anyone I may have missed that would be interested in seeing or reviewing this draft.

Thanks!

Roberts W. French, Jr.
 U.S. Environmental Protection Agency
 National Vehicle and Fuel Emissions Laboratory

2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

Message

From: Bunker, Amy [Bunker.Amy@epa.gov]
Sent: 3/11/2020 5:14:45 PM
To: Dietrich, Gwen [Dietrich.Gwen@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; French, Roberts [french.roberts@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; France, Jennifer [france.jennifer@epa.gov]
Subject: substitute two pages in report
Attachments: 420r20006.pdf; 2020_03_4_draft_automotive_trends_clean_for_Gwen with_corrections.docx

Hi Gwen,

The word attachment includes corrections on pages 99 and 102. Assuming the correct process is still to use the same pub number, can you switch out these pages from the original pdf (also attached) with new pdf'd pages 99 and 102 from the word doc?

As Jennifer suggested, we are planning to put language on the doc's webpage that minor updates were made on 3/11/2020.

Thanks,
Amy

Message

From: Bunker, Amy [Bunker.Amy@epa.gov]
Sent: 2/28/2020 1:27:15 PM
To: Dietrich, Gwen [Dietrich.Gwen@epa.gov]; Levin, David [Levin.David@epa.gov]; Anagnost, Eloise [anagnost.eloise@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; French, Roberts [french.roberts@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]
Subject: automotive trends report for pdf and web prep
Attachments: 2020_02_27_draft_automotive_trends_clean_for_Gwen.docx

Hi Web Team!!

Attached is the final Automotive Trends full report to pdf. Please change the cover date to March, since we will publish on Monday.

Would you see if there are any settings that can be adjusted in the distiller that will improve the fuzziness of some of the figures? I can bring you an example of one of our previous trials, so you can see the effect we would like to minimize.

Many thanks!

Amy

Message

From: Lieske, Christopher [lieske.christopher@epa.gov]
Sent: 11/30/2017 8:05:14 PM
To: French, Roberts [french.roberts@epa.gov]
Subject: RE: Reviewing draft Perf Report
Attachments: MY2016_GHG_Performance_Report-v6_cl.docx

Rob –

This looks good. A few edits are attached. I flagged one copy/paste error, in Table 5-2.

From: French, Roberts
Sent: Wednesday, November 29, 2017 2:28 PM
To: Moran, Robin <moran.robin@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>
Cc: Lieske, Christopher <lieske.christopher@epa.gov>
Subject: RE: Reviewing draft Perf Report

Here's a new version. Everything is drafted in the main report. I still need to do some work on the appendices.

Rob

From: Moran, Robin
Sent: Wednesday, November 29, 2017 2:01 PM
To: French, Roberts <french.roberts@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>
Cc: Lieske, Christopher <lieske.christopher@epa.gov>
Subject: RE: Reviewing draft Perf Report

Oh, ok, I didn't notice that in the note you sent to NHTSA. Sure, Chris will stand by for a new version.

From: French, Roberts
Sent: Wednesday, November 29, 2017 2:00 PM
To: Moran, Robin <moran.robin@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>
Cc: Lieske, Christopher <lieske.christopher@epa.gov>
Subject: RE: Reviewing draft Perf Report

Can I send you a new version? Give me a few more minutes. The gray text means it hasn't been updated from last year. I have a new updated version.

Rob

From: Moran, Robin
Sent: Wednesday, November 29, 2017 1:58 PM
To: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>
Cc: Lieske, Christopher <lieske.christopher@epa.gov>
Subject: Reviewing draft Perf Report

Hi Rob, I asked Chris Lieske to take a quick look at the full draft report, since we realized that we'd only weighed in so far on the Exec. Summary several weeks back.

Chris is going to get you any comments by tomorrow, though we expect any comments would be very minor. Hopefully it will be helpful to have another set of eyes.

Ex. 5 Deliberative Process (DP)

Again on quick skim, I noticed some Tables that need updates to 2016:

Table 3-29. 2012-2016 Model Year Compliance Values by Manufacturer and Fleet, 2012-2015 Model Years (g/mi)

Table 3-31. Average Footprint by Manufacturer and Fleet, 2012-2015 Model Years (square feet)

Should the Net Compliance Value in Table 3-35 match the signs shown in Tables 33-34? (where positive = good?)

Section 5 – 1st two paragraphs need updating to 2016 (several references to 2012-2015, and carrying credits into 2016 should be 2017)

Table 5-2. Credits Available After the 2015 Model Year, Reflecting Trades & Transfers (Mg)

Thanks,
Robin

From: Hula, Aaron

Sent: Tuesday, November 21, 2017 3:54 PM

To: Jim Tamm <james.tamm@dot.gov>; Katz, Ken (NHTSA) <Ken.Katz@dot.gov>; Maurice Hicks <Maurice.Hicks@dot.gov>

Cc: Simon, Karl <Simon.Karl@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>; Snapp, Lisa <snapp.lisa@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>; French, Roberts <french.roberts@epa.gov>; Alson, Jeff <alson.jeff@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Moran, Robin <moran.robin@epa.gov>; Olechiw, Michael <olechiw.michael@epa.gov>; Charmley, William <charmley.william@epa.gov>

Subject: Draft EPA Trends and GHG Performance reports for NHTSA review

NHTSA colleagues,

Please find attached the draft version of two annual EPA reports – the Fuel Economy Trends Report and the GHG Performance Report. As in years past, EPA is preparing to publish these reports together and we would like to provide NHTSA with an opportunity to review the reports before they are released.

The content and format of both reports is largely unchanged from previous years. Some text in the GHG Performance Report has been put in a grey font; this text is not expected to significantly change; however, specific numbers in the text of these sections will be updated to reflect the tables. The data in the tables have been updated.

^[1] Alternative Method for Calculating Off-cycle Credits Under the Light-Duty Vehicle Greenhouse Gas Emissions Program: Applications from BMW Group, Ford Motor Company, General Motors Corporation, and Volkswagen Group of America, Federal Register 81 (2 September 2016): 60694.

Since these reports are largely unchanged and NHTSA has previously reviewed them, we would like to have any new NHTSA comments by COB Tuesday November 28th.

Thank you and please feel free to direct any questions to either myself or Rob French.

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 11/27/2017 1:40:05 PM
To: Birgfeld, Erin [Birgfeld.Erin@epa.gov]; Snapp, Lisa [snapp.lisa@epa.gov]
CC: Alson, Jeff [alson.jeff@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]; French, Roberts [french.roberts@epa.gov]
Subject: RE: Q re: Trends and Performance Report timing
Attachments: DRAFT - EPA Trends Executive Summary.docx; DRAFT - EPA GHG Performance Report.docx

Erin,

The Executive summaries are attached. The GHG report is one file – the executive summary is the first few pages. If you have any questions, as always, feel free to ask!

Thanks,

Aaron

From: Birgfeld, Erin
Sent: Monday, November 27, 2017 8:18 AM
To: Snapp, Lisa <snapp.lisa@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Alson, Jeff <alson.jeff@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: Q re: Trends and Performance Report timing

Thanks Lisa!

Hope you all had a great Thanksgiving as well. I'll chat with Millett today on options for dates of release. I'm thinking that the 2nd week of December makes sense.

In the meantime, it behooves us to get a roll out document ready to go. Can you send along the latest exec. summaries for the reports so I can use them as a reference? I will share a roll out document with this team shortly with suggested key messages and updated background. If the team can review and update the Q and A section that would be very useful. In general we should try to keep everything in the document as simple as possible.

Stay tuned... and thanks!

-Erin

From: Snapp, Lisa
Sent: Wednesday, November 22, 2017 11:00 AM
To: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Alson, Jeff <alson.jeff@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: Q re: Trends and Performance Report timing

Hi Erin—

Just a heads up that we sent the reports to NHTSA yesterday, for their review by COB Wednesday 11/29. Briefing Wehrum on 11/28 when he is in A2. We should be ready shortly after that to go ahead with the reports; need a little time for final edits and clean-up, but we're close.

Given all of that, Karl was asking if, from a comms perspective, certain dates were being targeted (or off the table). Do you have any insight there? Is either the first or second week in December an option from your end, if we can wrap up all of the other steps and get approvals?

Hope your Thanksgiving is (was!) nice.

Thanks,
--Lisa

Driving Innovation in Clean Transportation

Message

From: Bunker, Amy [Bunker.Amy@epa.gov]
Sent: 2/27/2020 2:46:44 PM
To: French, Roberts [french.roberts@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]
Subject: Aaron; **Ex. 6 Personal Privacy (PP)**
Attachments: 420s20001.pdf; 420r20006-report-tables.xlsx; 420r20006.pdf

Hi Rob,

Aaron; **Ex. 6 Personal Privacy (PP)** letting you know in case Karl or someone else emails with an urgent concern, and I am not copied. I'm around, and we can reach Aaron by cell phone. **Ex. 6 Personal Privacy (PP)**

If you have time to look through the attachments, looking for any errors, that would be great! We've already found a few minor things that need to be fixed in the full report, but we could use more eyes on all three docs. If you find issues, let me know, and I can make corrections in the compiled and underlying docs.

We should still consider these drafts; the web folks will make the final pdfs tomorrow after we fix any errors we find today, so we are ready to go on Monday.

Thanks,
Amy

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 11/21/2017 8:53:36 PM
To: Jim Tamm [james.tamm@dot.gov]; Katz, Ken (NHTSA) [Ken.Katz@dot.gov]; Maurice Hicks [Maurice.Hicks@dot.gov]
CC: Simon, Karl [Simon.Karl@epa.gov]; Bunker, Byron [bunker.byron@epa.gov]; Snapp, Lisa [snapp.lisa@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]; French, Roberts [french.roberts@epa.gov]; Alson, Jeff [alson.jeff@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Moran, Robin [moran.robin@epa.gov]; Olechiw, Michael [olechiw.michael@epa.gov]; Charmley, William [charmley.william@epa.gov]
Subject: Draft EPA Trends and GHG Performance reports for NHTSA review
Attachments: DRAFT - EPA Trends Executive Summary.docx; DRAFT - EPA Trends Body.docx; DRAFT - EPA GHG Performance Report.docx

NHTSA colleagues,

Please find attached the draft version of two annual EPA reports – the Fuel Economy Trends Report and the GHG Performance Report . As in years past, EPA is preparing to publish these reports together and we would like to provide NHTSA with an opportunity to review the reports before they are released.

The content and format of both reports is largely unchanged from previous years. Some text in the GHG Performance Report has been put in a grey font; this text is not expected to significantly change; however, specific numbers in the text of these sections will be updated to reflect the tables. The data in the tables have been updated.

Since these reports are largely unchanged and NHTSA has previously reviewed them, we would like to have any new NHTSA comments by COB Tuesday November 28th.

Thank you and please feel free to direct any questions to either myself or Rob French.

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Dietrich, Gwen [Dietrich.Gwen@epa.gov]
Sent: 2/26/2020 8:08:00 PM
To: Bunker, Amy [Bunker.Amy@epa.gov]; Levin, David [Levin.David@epa.gov]; Anagnost, Eloise [anagnost.eloise@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; French, Roberts [french.roberts@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: RE: PDF trends report
Attachments: 420r20006.pdf

Attached is the TRENDS Report: EPA-420-R-20-006, attached for posting on the Web.
Please Review.

Gwen Dietrich
Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency
734-214-4639

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Wednesday, February 26, 2020 11:24 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: PDF trends report

Hi Gwen, David and Eloise,

I think we are ready to PDF the Trends report (hopefully for the last time ☺).

Please remove the first two pages and replace them with your nice, InDesign versions.

Let us know if you have any questions.

Many thanks!!

Amy

Message

From: Bunker, Amy [Bunker.Amy@epa.gov]
Sent: 2/26/2020 4:24:01 PM
To: Dietrich, Gwen [Dietrich.Gwen@epa.gov]; Levin, David [Levin.David@epa.gov]; Anagnost, Eloise [anagnost.eloise@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; French, Roberts [french.roberts@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: PDF trends report
Attachments: 2020_02_26_draft_automotive_trends_clean_for _Gwen.docx

Hi Gwen, David and Eloise,

I think we are ready to PDF the Trends report (hopefully for the last time 😊).

Please remove the first two pages and replace them with your nice, InDesign versions.

Let us know if you have any questions.

Many thanks!!

Amy

Message

From: Simon, Karl [Simon.Karl@epa.gov]
Sent: 2/25/2020 7:51:42 PM
To: Hula, Aaron [Hula.Aaron@epa.gov]; French, Roberts [french.roberts@epa.gov]; Snapp, Lisa [snapp.lisa@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]
Subject: FW: Draft Trends Report: Additional NHTSA Feedback
Attachments: 2020_02_04 Draft EPA automotive trends NHTSA Feedback 200225.docx

Pls give this a review and let me know what you think this afternoon. I see one area where we will probably need to think of a response. thanks

From: Tamm, James (NHTSA) <james.tamm@dot.gov>
Sent: Tuesday, February 25, 2020 2:39 PM
To: Simon, Karl <Simon.Karl@epa.gov>
Cc: Doherty, Jane (NHTSA) <jane.doherty@dot.gov>; Rutledge, Ross (NHTSA) <ross.rutledge1@dot.gov>
Subject: Draft Trends Report: Additional NHTSA Feedback

Hi Karl,

Thank you again for sharing the draft Trends Report for NHTSA's review. NHTSA has some additional feedback which is attached. Note, this is the additional feedback that Ross spoke to Sarah about.

Please let us know if you have any questions.

Thanks.

Jim

Message

From: Dietrich, Gwen [Dietrich.Gwen@epa.gov]
Sent: 2/19/2020 7:40:02 PM
To: Bunker, Amy [Bunker.Amy@epa.gov]; Levin, David [Levin.David@epa.gov]; Anagnost, Eloise [anagnost.eloise@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; French, Roberts [french.roberts@epa.gov]
Subject: RE: Trends report tables file ready for web prep
Attachments: 420r20006-wizzard-optmz.pdf

Attached is the TEST (420r20006-wizzard-optmz.pdf). I glanced through the report, no odd things were spotted.... ..but you are the best ones to see any discrepancies.

Next, I will do a test on the Executive Summary.

Gwen Dietrich
Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency
734-214-4639

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Wednesday, February 19, 2020 12:52 PM
To: Levin, David <Levin.David@epa.gov>; Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Anagnost, Eloise <anagnost.eloise@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: Trends report tables file ready for web prep

Hi All,

It is our understanding that Trends will be published tomorrow, so attached is the report tables file. I have already added the logo and doc id to all the pages, so hopefully this is a relatively easy one 😊

The doc id is **EPA-420-R-20-006**.

Last year, you named the report tables file with the doc id followed by "-report-tables.xlsx"

Thanks!
Amy

Message

From: Bunker, Amy [Bunker.Amy@epa.gov]
Sent: 3/27/2019 4:57:40 PM
To: French, Roberts [french.roberts@epa.gov]
Subject: FW: Additions to Trends Report
Attachments: 420r19002-w-rpt-tables-n-sup-table-pg.pdf

FYI – see David’s note below. Once it is published to NSCEP, this is the version of the report that will be downloadable on the website. Let David know if you have any concerns.

Thanks,
Amy

From: Levin, David
Sent: Wednesday, March 27, 2019 11:21 AM
To: Hula, Aaron <Hula.Aaron@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Cc: Dietrich, Gwen <Dietrich.Gwen@epa.gov>
Subject: Additions to Trends Report

Aaron, Amy, Andrea,

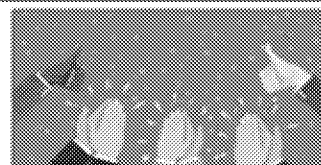
As per our discussion, in order to post the most complete version of the Trends Report to the National Service Center for Environmental Publications (NSCEP), I have converted the Report Tables to PDF files and have added them to the report. I have also added an End Page which lists the Trends Web site where the Supplemental Tables can be found. These two new sections have been bookmarked in the PDF.

Please review the attached version of the report and let me know if it meets with your approval.
Thanks,

David

David Levin
Communications / Information Management Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
Phone: 734-214-4353
Hours: Tuesday, Wednesday, Thursday 7:30 – 4:00

**Want to give real-time, informal recognition
of a job well done to a co-worker?**
Check out the Rounds of Applause page on [OTAQ@Work](#)



Message

From: Bunker, Amy [Bunker.Amy@epa.gov]
Sent: 2/19/2020 5:15:03 PM
To: French, Roberts [french.roberts@epa.gov]
Subject: FW: pdf of the trends report
Attachments: 2020_02_19_draft_automotive_trends_clean_for_Gwen.docx

Can you do a quick scan to make sure it looks like I incorporated the edits?

From: Bunker, Amy
Sent: Wednesday, February 19, 2020 11:38 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: pdf of the trends report

Hi Gwen,

Can you make a pdf of the full trends report (attached)? The first two pages should be removed and replaced with the cover and inside cover language that you have already created.

Thanks,
Amy

Message

From: Dietrich, Gwen [Dietrich.Gwen@epa.gov]
Sent: 3/6/2019 3:10:59 PM
To: Bunker, Amy [Bunker.Amy@epa.gov]; Sun, Lisa [Sun.Lisa@epa.gov]; Suarez, Patricia [suarez.patricia@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; French, Roberts [french.roberts@epa.gov]; France, Jennifer [france.jennifer@epa.gov]
Subject: RE: ES Trends Report
Attachments: 420r19002.pdf

Use this as the full report. Figure replaced.
 Attached

Gwen Dietrich
 Communications/Graphic Design Specialist
 Senior Service America, Inc. (Grantee)
 Supporting the Office of Transportation and Air Quality
 U.S. Environmental Protection Agency
 734-214-4639

From: Bunker, Amy
Sent: Wednesday, March 06, 2019 9:04 AM
To: Sun, Lisa <Sun.Lisa@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: RE: ES Trends Report

There was an old figure in ES-7, so disregard this ES document. Gwen will send a new version when it is ready – thanks, Gwen!!

From: Bunker, Amy
Sent: Tuesday, March 05, 2019 6:16 PM
To: Sun, Lisa <Sun.Lisa@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; French, Roberts <french.roberts@epa.gov>
Subject: FW: ES Trends Report

Hi Lisa and Trish,

Please use this version of the executive summary, not the one sent at 4:30pm.

Thanks,
 Amy

From: Dietrich, Gwen
Sent: Tuesday, March 05, 2019 6:03 PM
To: Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>
Cc: France, Jennifer <france.jennifer@epa.gov>; Levin, David <Levin.David@epa.gov>
Subject: ES Trends Report

Amy, Andrea and Aaron,

Attached and prepared for posting on the Web:

EPA-420-S-19-001 - The 2018 EPA Automotive Trends Report: Greenhouse Gas Emissions, Fuel Economy, and Technology Since 1975 - Executive Summary

File is 774 KB and 12 pages.

I did not tag this one --It is optimized for the Web.

Gwen Dietrich

Communications/Graphic Design Specialist

Senior Service America, Inc. (Grantee)

Supporting the Office of Transportation and Air Quality

U.S. Environmental Protection Agency

734-214-4639

Message

From: Simon, Karl [Simon.Karl@epa.gov]
Sent: 2/13/2020 2:26:06 AM
To: Hula, Aaron [Hula.Aaron@epa.gov]; French, Roberts [french.roberts@epa.gov]
Subject: FW: Draft 2019 Trends Report for review
Attachments: 2020_02_04 Draft EPA automotive trends_feedback.docx

Aaron/Rob,

Pls take a look at this and let me know asap tomorrow if there is anything in here we can not accept or respond to. Unless I am missing something, the edits are all editorial/typos and look easy to address. I am checking to see if more comments are forthcoming. Thanks

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 2/4/2020 11:38:45 PM
To: Simon, Karl [Simon.Karl@epa.gov]
CC: Snapp, Lisa [snapp.lisa@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]; French, Roberts [french.roberts@epa.gov]
Subject: Last year's note to NHTSA
Attachments: 2019_02_08 EPA Automotive Trends Executive Summary.docx; 2018_2_8_compiled_draft_automotive_trends.docx

Karl,

FYI. Rob's note to NHTSA from last year. It went to Jim Tamm, Ken Katz, Maurice Hicks, and John Finneran.

Aaron

From: French, Roberts <french.roberts@epa.gov>
Sent: Friday, February 08, 2019 3:48 PM
To: Jim Tamm <james.tamm@dot.gov>; ken.katz@dot.gov; Maurice Hicks <Maurice.Hicks@dot.gov>; Finneran, John (NHTSA) <John.Finneran@dot.gov>
Cc: Simon, Karl <Simon.Karl@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>; Charmley, William <charmley.william@epa.gov>; Snapp, Lisa <snapp.lisa@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>; Moran, Robin <moran.robin@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Olechiw, Michael <olechiw.michael@epa.gov>
Subject: Draft 2018 EPA Automotive Trends Report

NHTSA colleagues:

Please find attached a draft of The 2018 EPA Automotive Trends Report. This new report merges, for the first time, the content of two previously independent reports: The Light-Duty Automotive Technology, Carbon Dioxide Emissions, and Fuel Economy Trends (the "Trends Report"), and the Greenhouse Gas Emission Standards for Light-Duty Vehicles: Manufacturer Performance Report (the "GHG Performance Report"). You should be familiar with both reports, as EPA has customarily shared drafts with NHTSA prior to publication.

The two previous reports, which have had some overlap in content and often draw upon the same data sources, have been linked by simultaneous publication in recent years, and joining the two under one title page is a logical outgrowth in the process of refining both reports. We would like to provide NHTSA with an opportunity to review this report before it is released. Note that Section 5 contains the compliance values that were previously found in the GHG Performance Report.

We would like to have any new NHTSA comments by COB Friday, February 15th.

Thank you, and please feel free to direct any questions to Aaron Hula or myself.

Roberts W. French, Jr.
 U.S. Environmental Protection Agency
 National Vehicle and Fuel Emissions Laboratory
 2000 Traverwood Drive
 Ann Arbor, Michigan 48105
 (734) 214-4380

Message

From: Dietrich, Gwen [Dietrich.Gwen@epa.gov]
Sent: 3/5/2019 11:28:31 PM
To: Bunker, Amy [Bunker.Amy@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Hula, Aaron [Hula.Aaron@epa.gov]; French, Roberts [french.roberts@epa.gov]
CC: Sun, Lisa [Sun.Lisa@epa.gov]; Suarez, Patricia [suarez.patricia@epa.gov]; Levin, David [Levin.David@epa.gov]; France, Jennifer [france.jennifer@epa.gov]
Subject: Trends Report
Attachments: 420r19002.pdf

Please use this file instead....tagging errors in PDF have been corrected.

Gwen Dietrich
Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency
734-214-4639

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 3/1/2019 8:49:47 PM
To: Simon, Karl [Simon.Karl@epa.gov]
CC: French, Roberts [french.roberts@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: Quick Trends update
Attachments: 420s19001.pdf; 2019_2_28_compiled_draft_automotive_trends.pdf

Karl,

Just a quick FYI update before the end of the week. The executive summary is basically done, and we have a full pdf of the report (both attached). We're going to take one last review of the body this weekend, make some final formatting tweaks, and should be able to finalize both documents on Monday.

I have reached out to the Alliance, Global, NGOs and CARB. We have a call with the Alliance on Monday, and Dave Cooke is trying to organize NGOs for Tuesday. No word back from Global or CARB yet.

Everything seems on target for a Wednesday (or Thursday) release – barring any new surprises.

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 2/4/2020 11:37:21 PM
To: Simon, Karl [Simon.Karl@epa.gov]
CC: Snapp, Lisa [snapp.lisa@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]; French, Roberts [french.roberts@epa.gov]; French, Roberts [french.roberts@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]
Subject: Draft 2019 Trends Report
Attachments: 2020_02_04 Draft EPA Automotive Trends Executive Summary.docx; 2020_02_04 Draft EPA automotive trends.docx

Karl,

A draft note for NHTSA. Please feel free to edit as you see fit.

Aaron

NHTSA colleagues:

Please find attached a draft of the 2019 EPA Automotive Trends Report for your review. This report is an update to last years report and contains nearly identical content to last year's report, with one additional year's worth of data. The results are also very similar, with fuel economy increasing slightly in model year 2018, and all large manufacturers maintaining compliance with the GHG program.

As a reminder, last year this report merged the content of two previously independent reports: The Light-Duty Automotive Technology, Carbon Dioxide Emissions, and Fuel Economy Trends (the "Trends Report"), and the Greenhouse Gas Emission Standards for Light-Duty Vehicles: Manufacturer Performance Report (the "GHG Performance Report"). EPA believes this was a successful transition and maintained the same format this year. The only notable change is that Tesla was added to the executive summary figures and many figures throughout the report due to their increasing sales in model year 2018.

We would like to provide NHTSA with an opportunity to review this report before it is released. If NHTSA has any comments, please provide them by COB XXXXXXXX. For reference, the 2018 report can be found at:
<https://www.epa.gov/automotive-trends>.

Thank you, and please feel free to direct any questions to Aaron Hula or Roberts French.

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 1/31/2020 6:51:40 PM
To: Simon, Karl [Simon.Karl@epa.gov]; Charmley, William [charmley.william@epa.gov]
CC: Snapp, Lisa [snapp.lisa@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]; French, Roberts [french.roberts@epa.gov]; French, Roberts [french.roberts@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]
Subject: Trends report for review
Attachments: 2020_1_31_draft_automotive_trends.docx; 2020_1_31_draft_automotive_trends.docx

Karl/Bill,

Attached is the executive summary and a compiled version of the Trends body. Please feel free to review and let the team know if you have any comments. We will continue to work on formatting today, including the table/figure references which magically all broke this afternoon (apologies).

There is one minor error in the 2019 data that we are following up on, although it will not affect anything in the executive summary. The projected EV combined fuel economy values were calculated incorrectly leading to values that were too low. Fixing this will increase sedan/wagon mpg by 0.1 mpg in the projected 2019 data. Basically this will only be visible in Tesla's 2019 projected fuel economy values.

Thanks,

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

To: Mikkelsen, Brandon[Mikkelsen.Brandon@epa.gov]; Bolon, Kevin[Bolon.Kevin@epa.gov]
From: French, Roberts[/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0C2BB2BD2583415DA682F78CBE2154BC-FRENCH, ROBERTS]
Sent: Mon 12/11/2017 5:10:39 PM (UTC)
Subject: RE: GHG data
MY2016 GHG Performance Report-v10-final.docx

Brandon,

Sorry for the delay. See Table 3-7 in the attached report.

Rob

From: Mikkelsen, Brandon
Sent: Monday, December 4, 2017 10:07 AM
To: French, Roberts <french.roberts@epa.gov>; Bolon, Kevin <Bolon.Kevin@epa.gov>
Subject: RE: GHG data

This looks good, Rob. Thanks.

The only thing I would also ask for is data on the flex-fuel credits in the years before 2016. The fleet-average tailpipe emissions have FFV credits already woven into the number, so there's no way to tell within the file how many FFV credits a manufacturer is getting, nor do we know in those years what the tailpipe emission are without credits. If you could provide data on FFV credits/FFV vehicle volumes, as well as the tailpipe emissions without credits, that would be appreciated. However, if that would be too difficult or time-consuming, I can just use the performance reports from those years to repeat the approximations I did for 2015. This isn't a problem for 2016 since there are no FFV credits.

Thanks,
Brandon

From: French, Roberts
Sent: Monday, December 04, 2017 9:40 AM
To: Bolon, Kevin <Bolon.Kevin@epa.gov>; Mikkelsen, Brandon <Mikkelsen.Brandon@epa.gov>
Subject: GHG data

I think the attached is what you requested, but if not, let me know.

Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

Message

From: French, Roberts [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0C2BB2BD2583415DA682F78CBE2154BC-FRENCH, ROBERTS]
Sent: 12/5/2017 6:54:03 PM
To: Snapp, Lisa [snapp.lisa@epa.gov]; Hula, Aaron [Hula.Aaron@epa.gov]
CC: Zaremski, Sara [zaremski.sara@epa.gov]; Hengst, Benjamin [Hengst.Benjamin@epa.gov]; Birgfeld, Erin [Birgfeld.Erin@epa.gov]
Subject: RE: request for full Trends and GHG Performance Reports
Attachments: 420r17009.pdf

Lisa,

I have attached the PDF version that I got back from Gwen et al. I found a few changes I need to make. They are minor, and several are about improving legibility of tables and charts, but I haven't handed them off to Gwen D. just yet. I am sure that the attached version will suffice for Karl/Bill W.

Rob

From: Snapp, Lisa
Sent: Tuesday, December 5, 2017 1:45 PM
To: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>
Cc: Zaremski, Sara <zaremski.sara@epa.gov>; Hengst, Benjamin <Hengst.Benjamin@epa.gov>; Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Subject: request for full Trends and GHG Performance Reports

Hi Aaron and Rob,

Karl suggested that it would be useful for him to have copies of the full reports, in case they need to send them to Bill as part of the review process (although it has not yet been decided if that's a needed step).

Can one of you please put both reports into the same email and send to Chris G, Karl, Ben H, Erin (also include Sara and me, please), noting that these are the final reports, ready to go?

Thanks,
--Lisa

Driving Innovation in Clean Transportation

Message

From: French, Roberts [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0C2BB2BD2583415DA682F78CBE2154BC-FRENCH, ROBERTS]
Sent: 10/31/2016 7:32:34 PM
To: Wysor, Tad [wysor.tad@epa.gov]
Subject: RE: Rob...able to take a look at this...? FW: Me again...now re numbers of vehs with 1234yf...
Attachments: 420r16014.pdf

Forgot to attach report...

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Wysor, Tad
Sent: Monday, October 31, 2016 2:32 PM
To: French, Roberts <french.roberts@epa.gov>
Subject: Rob...able to take a look at this...? FW: Me again...now re numbers of vehs with 1234yf...

From: Wysor, Tad
Sent: Friday, October 28, 2016 12:47 PM
To: French, Roberts <french.roberts@epa.gov>
Subject: Me again...now re numbers of vehs with 1234yf...

Another excerpt from my section of the LD Draft TAR that needs updating -- help me update this para for the 2015 report? (Still not final, right, so don't yet have EPA report number?) Thanks

Ex. 5 Deliberative Process (DP)

From: French, Roberts
Sent: Thursday, October 13, 2016 11:02 AM
To: Wysor, Tad <wysor.tad@epa.gov>
Subject: RE: A/C credits by model year

Table 3-12 below. Also your paragraph with 2015 numbers as I see them (and hopefully correlating with how you read the tables as well).

Ex. 5 Deliberative Process (DP)

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Wysor, Tad
Sent: Wednesday, October 12, 2016 4:49 PM
To: French, Roberts <french.roberts@epa.gov>
Subject: RE: A/C credits by model year

OK, one more thing...in that paragraph in the TAR, I realize I quoted your report (p28)pointing to Table 3-12, actually. So if you can ship me that table, and even make sure I'm pulling the right numbers for the text, that would be great.

I think that's it! Tad

From: French, Roberts
Sent: Wednesday, October 12, 2016 3:17 PM
To: Wysor, Tad <wysor.tad@epa.gov>
Subject: RE: A/C credits by model year

Ex. 5 Deliberative Process (DP)

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Wysor, Tad
Sent: Wednesday, October 12, 2016 3:15 PM
To: French, Roberts <french.roberts@epa.gov>
Subject: RE: A/C credits by model year

Ooops, one more thing...I also need a couple of numbers from Table 3-9 – help me with these, too? -- Thx. Tad

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

From: French, Roberts
Sent: Wednesday, October 12, 2016 2:58 PM
To: Wysor, Tad <wysor.tad@epa.gov>
Subject: RE: A/C credits by model year

Yes, the report number will change.

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Wysor, Tad
Sent: Wednesday, October 12, 2016 2:44 PM
To: French, Roberts <french.roberts@epa.gov>
Subject: RE: A/C credits by model year

Many thanks. Rob. I'll check back later to confirm these are final. I presume the EPA-460-R-...report number will change for the 2015 report? Tad

From: French, Roberts
Sent: Wednesday, October 12, 2016 1:08 PM
To: Wysor, Tad <wysor.tad@epa.gov>
Subject: A/C credits by model year

Ex. 5 Deliberative Process (DP)

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

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^[i] See Greenhouse Gas Emission Standards for Light-Duty Vehicles: Manufacturer Performance Report for the 2015 Model Year, EPA-420-R-15-026, December 2015.

^[ii] See Greenhouse Gas Emission Standards for Light-Duty Vehicles: Manufacturer Performance Report for the 2015 Model Year, EPA-420-R-15-026, December 2015.

Message

From: French, Roberts [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0C2BB2BD2583415DA682F78CBE2154BC-FRENCH, ROBERTS]
Sent: 11/29/2017 7:28:23 PM
To: Moran, Robin [moran.robin@epa.gov]; Hula, Aaron [Hula.Aaron@epa.gov]
CC: Lieske, Christopher [lieske.christopher@epa.gov]
Subject: RE: Reviewing draft Perf Report
Attachments: MY2016_GHG_Performance_Report-v6.docx

Here's a new version. Everything is drafted in the main report. I still need to do some work on the appendices.

Rob

From: Moran, Robin
Sent: Wednesday, November 29, 2017 2:01 PM
To: French, Roberts <french.roberts@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>
Cc: Lieske, Christopher <lieske.christopher@epa.gov>
Subject: RE: Reviewing draft Perf Report

Oh, ok, I didn't notice that in the note you sent to NHTSA. Sure, Chris will stand by for a new version.

From: French, Roberts
Sent: Wednesday, November 29, 2017 2:00 PM
To: Moran, Robin <moran.robin@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>
Cc: Lieske, Christopher <lieske.christopher@epa.gov>
Subject: RE: Reviewing draft Perf Report

Can I send you a new version? Give me a few more minutes. The gray text means it hasn't been updated from last year. I have a new updated version.

Rob

From: Moran, Robin
Sent: Wednesday, November 29, 2017 1:58 PM
To: Hula, Aaron <Hula.Aaron@epa.gov>; French, Roberts <french.roberts@epa.gov>
Cc: Lieske, Christopher <lieske.christopher@epa.gov>
Subject: Reviewing draft Perf Report

Hi Rob, I asked Chris Lieske to take a quick look at the full draft report, since we realized that we'd only weighed in so far on the Exec. Summary several weeks back.

Chris is going to get you any comments by tomorrow, though we expect any comments would be very minor. Hopefully it will be helpful to have another set of eyes.

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Again on quick skim, I noticed some Tables that need updates to 2016:

Table 3-29. 2012-2016 Model Year Compliance Values by Manufacturer and Fleet, 2012-2015 Model Years (g/mi)

Table 3-31. Average Footprint by Manufacturer and Fleet, 2012-2015 Model Years (square feet)

Should the Net Compliance Value in Table 3-35 match the signs shown in Tables 33-34? (where positive = good?)

Section 5 – 1st two paragraphs need updating to 2016 (several references to 2012-2015, and carrying credits into 2016 should be 2017)

Table 5-2. Credits Available After the 2015 Model Year, Reflecting Trades & Transfers (Mg)

Thanks,
Robin

From: Hula, Aaron

Sent: Tuesday, November 21, 2017 3:54 PM

To: Jim Tamm <james.tamm@dot.gov>; Katz, Ken (NHTSA) <Ken.Katz@dot.gov>; Maurice Hicks <Maurice.Hicks@dot.gov>

Cc: Simon, Karl <Simon.Karl@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>; Snapp, Lisa <snapp.lisa@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>; French, Roberts <french.roberts@epa.gov>; Alson, Jeff <alson.jeff@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Moran, Robin <moran.robin@epa.gov>; Olechiw, Michael <olechiw.michael@epa.gov>; Charmley, William <charmley.william@epa.gov>

Subject: Draft EPA Trends and GHG Performance reports for NHTSA review

NHTSA colleagues,

Please find attached the draft version of two annual EPA reports – the Fuel Economy Trends Report and the GHG Performance Report. As in years past, EPA is preparing to publish these reports together and we would like to provide NHTSA with an opportunity to review the reports before they are released.

The content and format of both reports is largely unchanged from previous years. Some text in the GHG Performance Report has been put in a grey font; this text is not expected to significantly change; however, specific numbers in the text of these sections will be updated to reflect the tables. The data in the tables have been updated.

Since these reports are largely unchanged and NHTSA has previously reviewed them, we would like to have any new NHTSA comments by COB Tuesday November 28th.

Thank you and please feel free to direct any questions to either myself or Rob French.

^[1] Alternative Method for Calculating Off-cycle Credits Under the Light-Duty Vehicle Greenhouse Gas Emissions Program: Applications from BMW Group, Ford Motor Company, General Motors Corporation, and Volkswagen Group of America, Federal Register 81 (2 September 2016): 60694.

Aaron Hula

Office of Transportation and Air Quality

US Environmental Protection Agency

734.214.4267

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Message

From: French, Roberts [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0C2BB2BD2583415DA682F78CBE2154BC-FRENCH, ROBERTS]
Sent: 4/2/2018 1:29:10 PM
To: Bolon, Kevin [Bolon.Kevin@epa.gov]
CC: Olechiw, Michael [olechiw.michael@epa.gov]; Moran, Robin [moran.robin@epa.gov]; Sherwood, Todd [sherwood.todd@epa.gov]
Subject: RE: review of 2016MY fleet credits for EPA's CAFE model inputs
Attachments: 420r18002.pdf

Kevin,

Unfortunately, I am unable to split the GHG credits by car and truck categories, which is the format of the spreadsheet you sent me. Once a model year is complete, remaining credits are mushed together in the same bucket; it does not matter what happens to them after that, as car and truck credits are completely fungible across manufacturers and fleets.

Ex. 4 CBI

2010 credits forward, but the only way to parse those into the car and truck fleets would be make totally arbitrary assumptions.

I can give you accurate total fleet credits; those are in the 2016 GHG report (attached) in Table 5-2. I did notice that the spreadsheet you sent does not include credits from 2010 or 2016 model years, both of which are known, and included in Table 5-2.

Rob

Roberts W. French, Jr.
 U.S. Environmental Protection Agency
 National Vehicle and Fuel Emissions Laboratory
 2000 Traverwood Drive
 Ann Arbor, Michigan 48105
 (734) 214-4380

From: Bolon, Kevin
Sent: Wednesday, March 14, 2018 10:56 AM
To: French, Roberts <french.roberts@epa.gov>
Cc: Olechiw, Michael <olechiw.michael@epa.gov>; Moran, Robin <moran.robin@epa.gov>; Sherwood, Todd <sherwood.todd@epa.gov>
Subject: review of 2016MY fleet credits for EPA's CAFE model inputs

Hi Rob,

I'm attaching the most recent 'market_inputs' file that we received from NHTSA on March 8. As we had discussed this morning, we're in the process of updating all of the CAFE model inputs received from NHTSA with the goal of conducting a run that appropriately reflects the GHG program and the state of the industry and available technologies. If you're able to review the credit values on the "Manufacturers" tab of the attached file, and revise if necessary, by sometime next week, then we'll be able to use those inputs for our EPA runs of the CAFE model.

Let me know if you have any questions about this file, or the broader task.

Thanks!
Kevin

Message

From: French, Roberts [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0C2BB2BD2583415DA682F78CBE2154BC-FRENCH, ROBERTS]
Sent: 11/21/2017 4:13:39 PM
To: Snapp, Lisa [snapp.lisa@epa.gov]; Alson, Jeff [alson.jeff@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]
Subject: RE: GHG Report
Attachments: MY2016_GHG_Performance_Report-v5-NHTSA-11-21-2017.docx

All,

I meant to get it done by 11:00, but...



Here is a draft suitable for NHTSA. Here are the notes to include sending to NHTSA. Shorten if you want to just say that text that is not updated has been put in gray font color, and tables with data should be considered good data. Very few tables are incomplete; I think one in Section 5 and some appendices.

Jeff – I want you to read the FFV section, but not this version.

- Except for minor edits, cleanup, proofing, and final check of values, it is done through section 3.D. For later sections that are partially done, most of the table data has been inserted and should be considered legitimate. Text that has not been updated for 2016 is in a gray font. Most of this text explains the table values, so the revisions yet to be done should be self-explanatory by looking at the table data.
- Section 3.E (Off-Cycle Credits) is partially done.
- Section 3.F (CH₄ and N₂O Deficits) is done.
- Section 3.G (Compliance Values) has good table data, but text is not updated.
- Section 3.H (Footprint-Based Standards) has good table data, text is partially updated.
- Section 3.I (Compliance Summary) has good data, but text is not updated.
- Section 4 (Credit Transactions) has good data, but text is not updated.
- Section 5 (Compliance Status) has one incomplete table (Table 5-1) and text is partially updated.
- Appendices A and B have good data, but text is not updated. C and D do not have data yet.

Rob

From: Snapp, Lisa
Sent: Tuesday, November 21, 2017 9:18 AM
To: French, Roberts <french.roberts@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>
Subject: RE: GHG Report

Great—thanks very much.

From: French, Roberts
Sent: Tuesday, November 21, 2017 8:51 AM
To: Snapp, Lisa <snapp.lisa@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>
Subject: RE: GHG Report

Just wanted to confirm with you that I am indeed on track to deliver a draft GHG report to you, probably in about an hour.

Rob

From: Snapp, Lisa
Sent: Monday, November 20, 2017 3:55 PM
To: French, Roberts <french.roberts@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>
Subject: RE: GHG Report

Thanks, Rob. Really appreciate it. If the rest of the report is essentially done, we would very much like to send it out tomorrow; happy to caveat as needed. Thanks for your hard work on this.

Just in case, can you please send us what you have at the end of the day today (unless Aaron already can access your working doc)?

Thanks very much--Lisa

From: French, Roberts
Sent: Monday, November 20, 2017 3:51 PM
To: Snapp, Lisa <snapp.lisa@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>
Subject: GHG Report

I may be able to have something to send, but not likely until about 10am tomorrow morning. It will have to be caveated, especially regarding the off-cycle section. What I will try to do is drop in the 2016 data tables, but I definitely don't have time to build the text up around those tables. I will be in touch in the morning if I am delayed or if it becomes clear that the report is not in good enough shape to send out. Otherwise, plan on getting something from me tomorrow morning.

Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

To: Bolon, Kevin[Bolon.Kevin@epa.gov]
From: French, Roberts[/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0C2BB2BD2583415DA682F78CBE2154BC-FRENCH, ROBERTS]
Sent: Mon 9/19/2016 2:16:31 PM (UTC)
Subject: RE: Compliance report docs
[MY2013 GHG Compliance Report v23 clean.docx](#)
[MY2014 GHG Performance Report-final-CGedits.docx](#)

Yep. Here are 2013 and 2014. 2012 is AWOL but I am sure I can find it.

Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Bolon, Kevin
Sent: Monday, September 19, 2016 9:42 AM
To: French, Roberts <french.roberts@epa.gov>
Subject: Compliance report docs

Hi Rob,
If you have a chance, could you please try to dig up the Word versions of the 2012-2014MY compliance reports? If they aren't readily available, just let me know and I'll work from the pdfs.

Thanks!
Kevin

To: Lieske, Christopher[lieske.christopher@epa.gov]
From: French, Roberts[/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0C2BB2BD2583415DA682F78CBE2154BC-FRENCH, ROBERTS]
Sent: Mon 1/4/2016 3:08:32 PM (UTC)
Subject: RE: Word version of the 2014 GHG report
MY2014 GHG Performance Report-final-CGedits.docx

Here you go. Let me know if there are any permutations of the data & tables that don't exist that might be useful and that I might be able to create.

Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Lieske, Christopher
Sent: Monday, January 04, 2016 9:58 AM
To: French, Roberts <french.roberts@epa.gov>
Subject: Word version of the 2014 GHG report

Hi Rob –

Could you please send me the Word version of the final 2014 GHG report? I'm thinking about pulling a few of the off-cycle tables into the TAR.

Thanks.

Chris

Message

From: French, Roberts [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0C2BB2BD2583415DA682F78CBE2154BC-FRENCH, ROBERTS]
Sent: 10/29/2015 1:43:39 PM
To: William Charmley [Charmley.William@epa.gov]
Subject: FW: GHG Report Draft - Off-Cycle
Attachments: 2014 GHG Report off-cycle section v6-clean.docx; MY2014 GHG Performance Report-v6-clean.docx

Bill,

In case you want a look as well.

Rob

Roberts W. French, Jr.
 U.S. Environmental Protection Agency
 National Vehicle and Fuel Emissions Laboratory
 2000 Traverwood Drive
 Ann Arbor, Michigan 48105
 (734) 214-4380

From: French, Roberts
Sent: Thursday, October 29, 2015 9:25 AM
To: Nam, Ed <nam.ed@epa.gov>; Moran, Robin <moran.robin@epa.gov>; Alson, Jeff <alson.jeff@epa.gov>
Cc: Olechiw, Michael <olechiw.michael@epa.gov>; Bolon, Kevin <Bolon.Kevin@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Safoutin, Mike <safoutin.mike@epa.gov>; Lieske, Christopher <lieske.christopher@epa.gov>; Fernandez, Antonio <fernandez.antonio@epa.gov>
Subject: GHG Report Draft - Off-Cycle

All,

As Jeff noted yesterday, there is a new and expanded section on off-cycle credits in the report this year that not many have seen in its more complete form. Even as of this morning I have been adding new text to accompany the tables, which tell a multitude of stories and beg a similar multitude of questions. I have attached that section of the report as a standalone document if that's all you want to review, but I have also attached the entire draft if you want to review parts of it or refer to parts of it.

Note that no changes have been made yet to accommodate Ex. 5 Deliberative Process (DP)

It is not impossible that I will be asked to speed publication up to the week of November 9 Ex. 5 Deliberative Process (DP)
Ex. 5 Deliberative Process (DP), so I ask for your review and comments as quickly as possible in the event that we have to move that quickly.

If you choose to look at the whole report, you will find off-cycle in section 3.E, page 36.

Thanks!

Roberts W. French, Jr.
 U.S. Environmental Protection Agency
 National Vehicle and Fuel Emissions Laboratory
 2000 Traverwood Drive

Ann Arbor, Michigan 48105
(734) 214-4380

From: Nam, Ed
Sent: Wednesday, October 28, 2015 11:48 AM
To: French, Roberts <french.roberts@epa.gov>; Moran, Robin <moran.robin@epa.gov>; Alson, Jeff <alson.jeff@epa.gov>
Cc: Olechiw, Michael <olechiw.michael@epa.gov>; Bolon, Kevin <Bolon.Kevin@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Safoutin, Mike <safoutin.mike@epa.gov>; Lieske, Christopher <lieske.christopher@epa.gov>; Fernandez, Antonio <fernandez.antonio@epa.gov>
Subject: RE: Question re A/C and off-cycle thermal control credits in LD GHG rule and need for ASD review of GHG off-cycle credits section

Thanks Rob for all your hard work on this. As you know this is an extremely important document for us. I will try to find time to at least review this AC and OCC section.

Thanks
-Ed

From: French, Roberts
Sent: Wednesday, October 28, 2015 11:37 AM
To: Moran, Robin; Alson, Jeff; Nam, Ed
Cc: Olechiw, Michael; Bolon, Kevin; Hula, Aaron; Bunker, Amy; Safoutin, Mike; Lieske, Christopher; Fernandez, Antonio
Subject: RE: Question re A/C and off-cycle thermal control credits in LD GHG rule and need for ASD review of GHG off-cycle credits section

Robin et al.,

I'm pretty sure that the version that you and others have reviewed is the one that I sent before my September vacation, which had off-cycle tables and woefully little text at that time. There is now substantially more text, and some new-ish tables that are very interesting and thought-provoking (hence the call from Bill I got this morning), and I think that section has changed enough to warrant another round of review. And as Jeff points out (as does Bill's interest), it may generate a number of questions, both internally and externally. I'll send it around late today or tomorrow morning.

Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Moran, Robin
Sent: Wednesday, October 28, 2015 11:30 AM
To: Alson, Jeff <alson.jeff@epa.gov>; Nam, Ed <nam.ed@epa.gov>
Cc: French, Roberts <french.roberts@epa.gov>; Olechiw, Michael <olechiw.michael@epa.gov>; Bolon, Kevin <Bolon.Kevin@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Safoutin, Mike <safoutin.mike@epa.gov>; Lieske, Christopher <lieske.christopher@epa.gov>; Fernandez, Antonio <fernandez.antonio@epa.gov>

Subject: RE: Question re A/C and off-cycle thermal control credits in LD GHG rule and need for ASD review of GHG off-cycle credits section

(+ Chris L, Mike S, Tony)

Jeff, as I mentioned both Chris and I had reviewed the report, including the off-cycle section, previously and had passed our comments on to Rob. Chris and I just talked and he's going to give it another once-over. Rob, please keep us posted on what you learn from Chrysler.

I'll defer to Ed (and now looping Mike S) on the relationship b/w AC efficiency and OC solar/glazing credits.

From: Alson, Jeff

Sent: Wednesday, October 28, 2015 10:40 AM

To: Nam, Ed

Cc: French, Roberts; Moran, Robin; Olechiw, Michael; Bolon, Kevin; Hula, Aaron; Bunker, Amy

Subject: Question re A/C and off-cycle thermal control credits in LD GHG rule and need for ASD review of GHG off-cycle credits section

Ed, I have been reviewing Rob's upcoming MY 2014 GHG report, and in particular his new section this year on off-cycle credits. One question—

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

This is not urgent, though we are briefing Chris, Bill, and the SLT this afternoon and hope to release both the GHG and Trends reports in mid-November.

Ex. 5 AC/DP

Ex. 5 AC/DP

Mike, Ed, Robin, Kevin--Rob has drafted a great section on off-cycle credits in his draft GHG report.

Ex. 5 AC/DP

Ex. 5 AC/DP

Ex. 5 Deliberative Process (DP)

Rob is making a few changes based on my review and will send out a revised draft section in the next 24 hours.

Message

From: Lieske, Christopher [lieske.christopher@epa.gov]
Sent: 9/18/2015 7:25:01 PM
To: French, Roberts [french.roberts@epa.gov]
CC: Alson, Jeff [alson.jeff@epa.gov]; Moran, Robin [moran.robin@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Bolon, Kevin [Bolon.Kevin@epa.gov]
Subject: RE: First draft of MY14 GHG report
Attachments: MY2014 GHG Compliance Report-v3 clean jeff-amy robin-chris comments 9-18.docx

Flag: Follow up

Rob —

Welcome back!

This is a great start on the report. The attached includes comments from me, Jeff, Amy, and Robin. I added Robin's handwritten comments to the electronic file, so they appear with my name, but will also drop off the hard copy of Robin's comments for reference.

Chris

From: French, Roberts
Sent: Friday, September 04, 2015 3:02 PM
To: Moran, Robin; Lieske, Christopher; Alson, Jeff; Hula, Aaron; Bunker, Amy; Bolon, Kevin; Olechiw, Michael
Cc: Charmley, William; Bunker, Byron; Zaremski, Sara; Wehrly, Linc
Subject: First draft of MY14 GHG report

All,

I have attached the first draft of the 2014 model year GHG report. I believe that the majority of it needs very little additional work, with two exceptions:

1. The Executive Summary. **Ex. 5 Deliberative Process (DP)**
Ex. 5 Deliberative Process (DP)
2. The section on off-cycle credits. I have not completed the text, as you will see, but key data tables are in there.

Ex. 5 Deliberative Process (DP)

The remaining sections maintain the look and feel of the 2013 version, and were almost routine in their construction, with updated tables and text as needed to include 2014.

Ex. 6 Personal Privacy (PP)

I fully anticipate that the upcoming discussion with Chris Grundler (which I will miss) will confirm the strategy of releasing Trends and GHG reports synchronously in mid-November, and I believe that the current draft of the GHG report positions it well to meet that timing.

However, the combined Trends/GHG teams will have much to do in October, and to maintain the current momentum, I would really appreciate it if a few of you could plan on reading through the draft in the next two weeks and have comments back to me by September 21.

Thanks,
 Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 7/31/2019 5:14:34 PM
To: Good, David [good.david@epa.gov]
Subject: RE: 2020FE Guide - DRAFT text revisions attached; please comment by COB Aug 6, 2019 or so
Attachments: 420r19002.pdf

Flag: Follow up

See starting on page 50. I don't think I have anything that is compact enough for your purposes, but you're more than welcome to lift anything that works for you.

Aaron

From: Good, David <good.david@epa.gov>
Sent: Wednesday, July 31, 2019 12:49 PM
To: Hula, Aaron <Hula.Aaron@epa.gov>
Subject: RE: 2020FE Guide - DRAFT text revisions attached; please comment by COB Aug 6, 2019 or so

Aaron,

Do you have any text which you are planning to use for the Trends report---which I can drop in to the FE Guide (e.g. a short summary)?

Dave

From: Good, David
Sent: Wednesday, July 31, 2019 11:22 AM
To: Hula, Aaron <Hula.Aaron@epa.gov>
Subject: RE: 2020FE Guide - DRAFT text revisions attached; please comment by COB Aug 6, 2019 or so

Thanks Aaron.

I'll see what I can do.

Dave

From: Hula, Aaron <Hula.Aaron@epa.gov>
Sent: Wednesday, July 31, 2019 9:00 AM
To: Bunker, Amy <Bunker.Amy@epa.gov>; Good, David <good.david@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Graff, Michelle <graff.michelle@epa.gov>; French, Roberts <french.roberts@epa.gov>; Kimball, Joshua <kimball.joshua@epa.gov>
Cc: Snapp, Lisa <snapp.lisa@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Pugliese, Holly <pugliese.holly@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>
Subject: RE: 2020FE Guide - DRAFT text revisions attached; please comment by COB Aug 6, 2019 or so

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Just my random thoughts.

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Wednesday, July 31, 2019 8:20 AM
To: Good, David <good.david@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Graff, Michelle <graff.michelle@epa.gov>; French, Roberts <french.roberts@epa.gov>; Kimball, Joshua <kimball.joshua@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>
Cc: Snapp, Lisa <snapp.lisa@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Pugliese, Holly <pugliese.holly@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>
Subject: RE: 2020FE Guide - DRAFT text revisions attached; please comment by COB Aug 6, 2019 or so

I'm including Aaron in this discussion, since we also classify and describe vehicle powertrain types in Trends.

Aaron, would you mind reviewing the text on pages 6 and 7 in the attachment and weighing in on Dave's proposal to keep all hybrids in one category on fueleconomy.gov?

Thanks,
 Amy

From: Good, David <good.david@epa.gov>
Sent: Tuesday, July 30, 2019 6:52 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Graff, Michelle <graff.michelle@epa.gov>; French, Roberts <french.roberts@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Kimball, Joshua <kimball.joshua@epa.gov>
Cc: Snapp, Lisa <snapp.lisa@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Pugliese, Holly <pugliese.holly@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>
Subject: 2020FE Guide - DRAFT text revisions attached; please comment by COB Aug 6, 2019 or so

Tristin, Amy, Rob & all,

Attached is my first cut at the 2020MY text revisions for the 2020MY FE Guide. Mostly, I tried to add a description of mild and strong (full) hybrid vehicles to the Hybrid Electrical Vehicle section. Feel free to edit.

It's due to ORNL on Monday 8/12/2019. I'd like to send it to them on Thurs or Friday Aug 8 or 9th.

Listing Mild Hybrids separately in the 2020 FE Guide:

I'm thinking that there will be quite a few mild hybrids by 2020MY, so that I vote not to list them separately in the 2021 FE Guide (and possibly not in the 2020 FE Guide). Ex. 4 CBI
 use the BAS mild hybrid/48v battery systems.

Currently for 2019MY, 19 of 1258 vehicles are mild hybrids (FCA, Mercedes & VW). For 2020MY, 10 of 553 vehicles are mild hybrids, so far. Ex. 5 Deliberative Process (DP)

Listing FFVs separately in the 2020 FE Guide:

I'm OK with listing FFVs separately in the 2020 FE Guide. My count of FFVs is as follows:

2014MY –140/1200 models, 2,860,460 LDV/T prodn;
2015MY –98/1254 models, 1,835,381 LDV/T prodn;
2016MY –69/1213 models, 1,333,852 LDV/T prodn;
2017MY –64/1244 models, 1,110,972 LDV/T prodn;
2018MY –54/1286 models, 936,244 LDV/T prodn;
2019MY –43/1258 models; (production not available)
2020MY –13/553 models; (production not available)

Rob is out until Aug 5th.

Please comment by Aug 6, 2019

Thanks

Dave

From: Gibson, Robert <gibsonrc@ornl.gov>

Sent: Wednesday, July 24, 2019 5:05 PM

To: Hopson, Janet <hopsonjl@ornl.gov>; Bluestein, Linda <linda.bluestein@ee.doe.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Dafoe, Wendy <wendy.dafoe@nrel.gov>; Deitchel, Judi <judi.deitchel@nrel.gov>; French, Roberts <french.roberts@epa.gov>; Good, David <good.david@epa.gov>; Pugliese, Holly <pugliese.holly@epa.gov>; 'Smith, Dennis' <dennis.a.smith@ee.doe.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; West, Brian <westbh@ornl.gov>; Zaremski, Sara <zaremski.sara@epa.gov>; Earles, Colby <earlesc@ornl.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Davis, Stacy <davissc@ornl.gov>

Subject: RE: Reminder - FEG call tomorrow

Hello Everyone,

Attached is a new visually-updated version of the *Fuel Economy Guide* for 2020. Since we no longer have to worry as much about the length of the printed guide, the new version has more photos. Please let us know what you think once you've had a chance to peruse it.

We are still looking for photos for some of the pages. So, if you have any good ones you think would look nice, feel free to submit them.

Please note that we've added some new text: a short paragraph about how the guide is organized and a short write-up highlighting AFDC's Alternative Fueling Station Locator. Both are highlighted in yellow in the text write-up (Word doc), which is also attached.

Also, please note that we've added a back page rather than putting the sample fuel economy label there. It won't matter much to people printing the guide on a printer, but since Dennis likes to print a small batch of guides sometimes, he (or others) might have a preference.

We haven't yet updated things like fuel prices, page references, etc. as is usual at this point.

Please let us know if you have comments or suggestions about either document.

Thanks.

Robert C. Gibson

Center for Transportation Research
 University of Tennessee
 National Transportation Research Center, Room I-17
 2360 Cherahala Blvd.
 Knoxville, Tennessee 37932
 TEL: 865-946-1481
 FAX: 865-946-1314
gibsonrc@ornl.gov
www.fueleconomy.gov

From: Hopson, Janet <hopsonjl@ornl.gov>

Sent: Wednesday, July 24, 2019 1:34 PM

To: Bluestein, Linda <linda.bluestein@ee.doe.gov>; 'Bunker, Amy' <bunker.amy@epa.gov>; Dafoe, Wendy <wendy.dafoe@nrel.gov>; Deitchel, Judi <judi.deitchel@nrel.gov>; 'French, Rob' <french.roberts@epa.gov>; Gibson, Robert <gibsonrc@ornl.gov>; 'Good, David' <good.david@epa.gov>; Hopson, Janet <hopsonjl@ornl.gov>; 'Pugliese, Holly' <pugliese.holly@epa.gov>; 'Smith, Dennis' <dennis.a.smith@ee.doe.gov>; 'Wehrly, Linc' <wehrly.linc@epa.gov>; West, Brian <westbh@ornl.gov>; 'Zaremski, Sara' <zaremski.sara@epa.gov>; Earles, Colby <earlesc@ornl.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Davis, Stacy <davissc@ornl.gov>

Subject: Reminder - FEG call tomorrow

Hello Everyone:

Reminder: We will have our first FEG call tomorrow morning at 9:00 AM. Attached is the timeline for the 2020 FEG. Below is the agenda + call-in information.

Tentative Agenda

- 1) Introductions - New ORNL Team Members
- 2) Timeline – Key dates
- 3) Request Text Review/Comments
- 4) Fresh Layout for FEG
- 5) Schedule next call

Please let me know if you would like to add anything to the agenda.

Janet

DOE CONFERENCE CALL DIAL-IN INFORMATION

Call Date	7/25/19
Call Time	9:00-10:00AM
Dial-In Number	Ex. 6 Personal Privacy (PP)
Confirmation Number	Ex. 6 Personal Privacy (PP)

Leader/Conference Name	Brian West
Contact #	Ex. 6 Personal Privacy (PP)
Conference Duration	1 Hour
Number of Callers	UNDER 24
Call-In Instructions	
1. Callers will dial the call-in number.	
2. Each caller will be greeted by a DOE Operator.	
3. Callers will be requested to provide the Leader's name, Conference Name, or Confirmation Number.	
4. The operator will connect each caller to the conference. (Note: Connection is unannounced.)	
5. The conference will be unattended; however, customers may dial "0" if any technical problems occur.	

Janet L. Hopson

Research Associate Professor, Department of Earth and Planetary Sciences

The University of Tennessee

National Transportation Research Center

2360 Cherahala Blvd

Knoxville, TN 37932

Phone: 865-946-1460

hopsonjl@ornl.gov

www.fueleconomy.gov

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 9/22/2015 7:57:57 PM
To: Stahle, Susan [Stahle.Susan@epa.gov]
CC: Wehrly, Linc [wehrly.linc@epa.gov]
Subject: RE: Defect with GM Air Conditioning system and GHG credits
Attachments: EPA AC Discharge Line 9-3-2015.pptx

Thanks Susan,

Tomorrow afternoon is bad for me. I will be in the office on Friday, so, I will send a meeting announcement for Friday assuming that will still work for you. Attached is the pdf presentation GM provided when we met earlier this month.

I will get a few moments with Linc and some of our other staff who have been participating on this issue to get our preferred approach defined before we talk on Friday.

Regards,

David

From: Stahle, Susan
Sent: Tuesday, September 22, 2015 2:01 PM
To: Wright, DavidA
Cc: Wehrly, Linc
Subject: RE: Defect with GM Air Conditioning system and GHG credits

Hi David –

I'd be happy to talk about GM. I am pretty open tomorrow afternoon (after 3:00 pm), and all day on Friday. I have some random openings on Thursday. My calendar is up-to-date if you want to schedule some time to talk.

Yes, please forward me what GM has sent you. That would help me see what they are proposing to do.

Ex. 5 AC/DP

Ex. 6 Personal Privacy (PP)

Thanks,

Susan Stahle
Attorney-Advisor
Air and Radiation Law Office
Office of General Counsel
U.S. Environmental Protection Agency

202-564-1272 (ph)
202-564-5603 (fax)
stahle.susan@epa.gov

From: Wright, DavidA
Sent: Tuesday, September 22, 2015 12:42 PM
To: Stahle, Susan
Cc: Wehrly, Linc
Subject: FW: Defect with GM Air Conditioning system and GHG credits

Hello Susan,

My name is David Wright and I work for Linc in the light-duty vehicle center in the compliance division. I am the certification representative for General Motors.

Since Linc sent you his original note, he has gotten extremely busy with other matters, and EPA has met with GM who is proposing to take a reduced A/C credit amount based on their projected failure rates for the vehicles with the A/C discharge line defect.

If possible, I would like to talk with you about the document Linc provided and your thoughts on our next steps in this case. I have also recently been contacted by GM asking if we have made any decisions regarding their request.

If you would like I can forward you the 5 page document they provided regarding their proposal for reduced credits. Let me know if there is a specific day and time when it would be good to talk.

Thanks you for your assistance.

Regards,

David

David A. Wright
Light-Duty Vehicle Center, Compliance Division
National Vehicle and Fuel Emissions Laboratory
Phone: (734) 214-4467
E-mail: wright.davida@epa.gov

From: Wehrly, Linc
Sent: Tuesday, September 22, 2015 11:03 AM
To: Wright, DavidA
Subject: FW: Defect with GM Air Conditioning system and GHG credits

Linc Wehrly
Director, Light-Duty Vehicle Center
Compliance Division
Office of Transportation and Air Quality
United States Environmental Protection Agency
(734) 214-4286

wehrly.linc@epa.gov

From: Stahle, Susan
Sent: Tuesday, September 15, 2015 4:18 PM
To: Wehrly, Linc
Subject: FW: Defect with GM Air Conditioning system and GHG credits

Hi Linc –

I know you are busy with other matters right now but if/when you want to get back to these questions, I'd be happy to help you with them. Steve is embroiled in ozone matters so I offered to help him with these questions. I've shared some preliminary thoughts about this with David Orlin. Not sure if any of those thoughts have been shared with you...

Again, whenever you or your staff want to talk about this, let me know, happy to do so.

Thanks,

Susan Stahle
Attorney-Advisor
Air and Radiation Law Office
Office of General Counsel
U.S. Environmental Protection Agency
202-564-1272 (ph)
202-564-5603 (fax)
stahle.susan@epa.gov

From: Orlin, David
Sent: Thursday, September 10, 2015 11:15 AM
To: Stahle, Susan
Subject: Fwd: Defect with GM Air Conditioning system and GHG credits

With attachment

Begin forwarded message:

From: "Silverman, Steven" <silverman.steven@epa.gov>
Date: September 9, 2015 at 9:29:19 AM EDT
To: "Orlin, David" <Orlin.David@epa.gov>
Subject: FW: Defect with GM Air Conditioning system and GHG credits

I just saw this. Came in when I was away.

Ex. 5 AC/DP

From: Wehrly, Linc
Sent: Friday, August 21, 2015 8:30 AM
To: Silverman, Steven
Subject: Defect with GM Air Conditioning system and GHG credits

Steve,

I've attached a document that outlines an issue we are grappling with. In short, GM has a defect with the discharge line to their AC system that can result in all of the refrigerant being expelled into the atmosphere for some of their 2014 and 2015 MY light-duty pick-ups and large SUVs. They have claimed AC leakage credits for 2014 and plan to also claim credits for 15 MY. Since the AC system becomes an emission-related part once they claim credits, the system is supposed to be durable for the useful life.

Ex. 5 AC/DP

When you get a chance to read, please let me know your thoughts and/or questions.

Thanks,
Linc

Linc Wehrly
Director, Light-Duty Vehicle Center
Compliance Division
Office of Transportation and Air Quality
United States Environmental Protection Agency
(734) 214-4286
wehrly.linc@epa.gov

Message

From: Simon, Karl [Simon.Karl@epa.gov]
Sent: 12/22/2020 8:32:53 PM
To: Dunham, Sarah [Dunham.Sarah@epa.gov]; Charmley, William [charmley.william@epa.gov]; Birgfeld, Erin [Birgfeld.Erin@epa.gov]; Burch, Julia [Burch.Julia@epa.gov]
CC: Bunker, Byron [bunker.byron@epa.gov]; Hula, Aaron [Hula.Aaron@epa.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Snapp, Lisa [snapp.lisa@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Harrison, Sarah [Harrison.Sarah@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]
Subject: response to comments from NHTSA on Trends
Attachments: 2020_12_04 DRAFT EPA Automotive Trends + NHTSA Comments.docx; 2020_12_04 DRAFT EPA Automotive Trends Executive Summary + NHTSA Comments.docx

Sarah et al:

The Trends team has reviewed the comments from NHTSA, and briefed myself and Byron. NHTSA commented on three of the highlights in the executive summary. Those comments are summarized below, along with our proposed response. The mark ups from NHTSA are also attached.

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Sarah - please let me know if this works as an acceptable response or if you would like to discuss. The next step would be to share this with Abbie and David per Abbie's request. Thanks

Karl

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 12/22/2020 7:46:10 PM
To: Simon, Karl [Simon.Karl@epa.gov]
CC: Bunker, Byron [bunker.byron@epa.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Snapp, Lisa [snapp.lisa@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Harrison, Sarah [Harrison.Sarah@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: RE: Suggested response for Karl
Attachments: 2020_12_04 DRAFT EPA Automotive Trends + NHTSA Comments.docx; 2020_12_04 DRAFT EPA Automotive Trends Executive Summary + NHTSA Comments.docx

Karl,

Thank you for the edits, these all work for me. I've accepted, and attached both documents we received from NHTSA.

Thanks!
Aaron

The Trends team has reviewed the comments from NHTSA, and briefed myself and Byron. NHTSA commented on three of the highlights in the executive summary. Those comments are summarized below, along with the team's proposed response. The mark ups from NHTSA are also attached.

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Please let me know if this works as an acceptable response or if you would like to discuss. The next step would be to share this with Abbie and David per Abbie's request. Thanks

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 11/20/2020 5:55:17 PM
To: Moran, Robin [moran.robin@epa.gov]; Bolon, Kevin [Bolon.Kevin@epa.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Snapp, Lisa [snapp.lisa@epa.gov]; Lieske, Christopher [lieske.christopher@epa.gov]
CC: Graff, Michelle [graff.michelle@epa.gov]; Daniels, Jessica [daniels.jessica@epa.gov]; Kenausis, Kristin [Kenausis.Kristin@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Harrison, Sarah [Harrison.Sarah@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: Trends Section 5 (compliance) review
Attachments: 2020_11_20 Section 5 CLEAN.docx; 2020_09_20 Section 1 CLEAN.docx

Attached is Section 5 of the Trends report for review.

This organization and content of this section are mostly the same as in past years, however we put effort into streamlining the descriptions, improving the consistency of terminology, and including more information about how credits and debits are actually handled as part of the year-end calculations.

I've left in some comments as we're still finalizing a few figures and descriptions. Feel free to comment throughout, but I realize people have limited time so any comments on the following parts of the section would be the most beneficial:

- Introduction (pages 1-2)
- Introduction to Part B: Model Year Performance (page 6)
- Part C: GHG Program Credits and Deficits (pages 33-42)
- Part D: End of Year GHG Program Credit Balances (43-49).

I'm also including section 1, which contains a list of "what's new" this year, and includes reference to SAFE and other regulatory actions that occurred this spring. Feel free to take a quick look and comment on that list as well. I am probably not going to send around the rest of the report (unless anyone wants to look at it!), since changes there have been pretty straightforward.

We brief AA Austin on December 1, and I'm hoping we can be ready to send a full draft of the report to NHTSA for review as soon as we get the green light. As always, if there are any questions feel free to let me know.

Thanks!
Aaron

Message

From: Wehrly, Linc [wehrly.linc@epa.gov]
Sent: 9/22/2015 3:02:51 PM
To: Wright, DavidA [Wright.DavidA@epa.gov]
Subject: FW: Defect with GM Air Conditioning system and GHG credits
Attachments: GM Air Conditioning Discharge Line Defect.docx; ATT00001.htm

Linc Wehrly
Director, Light-Duty Vehicle Center
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United States Environmental Protection Agency
(734) 214-4286
wehrly.linc@epa.gov

From: Stahle, Susan
Sent: Tuesday, September 15, 2015 4:18 PM
To: Wehrly, Linc
Subject: FW: Defect with GM Air Conditioning system and GHG credits

Hi Linc --

I know you are busy with other matters right now but if/when you want to get back to these questions, I'd be happy to help you with them. Steve is embroiled in ozone matters so I offered to help him with these questions. I've shared some preliminary thoughts about this with David Orlin. Not sure if any of those thoughts have been shared with you....

Again, whenever you or your staff want to talk about this, let me know, happy to do so.

Thanks,

Susan Stahle
Attorney-Advisor
Air and Radiation Law Office
Office of General Counsel
U.S. Environmental Protection Agency
202-564-1272 (ph)
202-564-5603 (fax)
stahle.susan@epa.gov

From: Orlin, David
Sent: Thursday, September 10, 2015 11:15 AM
To: Stahle, Susan
Subject: Fwd: Defect with GM Air Conditioning system and GHG credits

With attachment

Begin forwarded message:

From: "Silverman, Steven" <silverman.steven@epa.gov>
Date: September 9, 2015 at 9:29:19 AM EDT
To: "Orlin, David" <Orlin.David@epa.gov>
Subject: FW: Defect with GM Air Conditioning system and GHG credits

I just saw this. Came in when I was away.

Ex. 5 AC/DP

From: Wehrly, Linc
Sent: Friday, August 21, 2015 8:30 AM
To: Silverman, Steven
Subject: Defect with GM Air Conditioning system and GHG credits

Steve,

I've attached a document that outlines an issue we are grappling with. In short, GM has a defect with the discharge line to their AC system that can result in all of the refrigerant being expelled into the atmosphere for some of their 2014 and 2015 MY light-duty pick-ups and large SUVs. They have claimed AC leakage credits for 2014 and plan to also claim credits for 15 MY. Since the AC system becomes an emission-related part once they claim credits, the system is supposed to be durable for the useful life.

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Thanks,
Linc

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